

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
(Polyisobutene) amino products in aliphatic hydrocarbons		NR	
1,1,1-Trichloroethane		R	1B, 4
1,1,2-Trichloro-1,2,2-Trifluoroethane		R	1A, 4
1,1,2-Trichloroethane		R	1B, 4
1,1-Dichloroethane		R	1A, 4
1,1-Dichloropropane		R	1A, 4
1,2,3-Trichlorobenzene (molten)		R	1A, 4
1,2,3-Trichloropropane		R	1A
1,2,4-Trichlorobenzene		R	1A
1,2-Butylene oxide		NR	
1,2-Dichloropropane		R	1A, 4
1,3,5-Trioxane	70.0°C	R	2, 8
1,3-Cyclopentadiene dimer (molten)		R	
1,3-Dichloropropene		R	1A, 4
1,3-Pentadiene		R	
1,3-Pentadiene (greater than 50%), cyclopentene and isomers, mixtures		R	
1,4-Dioxane		NR	
1,5,9-Cyclododecatriene		R	
1,6-Dichlorohexane		R	1A, 4
1,6-Hexanediol, distillation overheads		R	
1- or 2-Nitropropane		R	
1-(4-Chlorophenyl)-4,4- dimethyl-pentan-3-one		R	
1-Dodecene		R	
1-Hexadecyl-naphthalene / 1,4-bis(hexadecyl)naphthalene mixture		R	
1-Phenyl-1-xylyl ethane		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
1-Undecene		R	
2,2'-Dichloroisopropyl ether		NR	
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate		R	
2,2,4-Trimethyl-1,3-pentanediol-1-isobutyrate		R	
2,2-Dichloropropionic acid		NR	
2,2-Dimethylpropane-1,3-diol (molten or solution)		R	
2,4-Dichlorophenol		NR	
2,4-Dichlorophenoxyacetic acid, diethanolamine salt solution		NR	
2,4-Dichlorophenoxyacetic acid, dimethylamine salt solution (70% or less)		NR	
2,4-Dichlorophenoxyacetic acid, triisopropanolamine salt solution		NR	
2,6-Di-tert-butylphenol		NR	
2,6-Diethylaniline		R	1A
2- or 3-Chloropropionic acid		NR	
2-(2-Aminoethoxy) ethanol		NR	
2-Amino-2-methyl-1-propanol		R	
2-Ethoxyethyl acetate		R	
2-Ethyl-2-(hydroxymethyl) propane-1,3-diol (C8-C10) ester		R	
2-Ethyl-3-propylacrolein		NR	
2-Ethylhexanoic acid		R	2, 4, 8
2-Ethylhexyl acrylate		R	
2-Ethylhexylamine		NR	
2-Hydroxy-4-(methylthio)butanoic acid		NR	
2-Hydroxyethyl acrylate		R	
2-Methyl-1,3-propanediol		R	
2-Methyl-1,5-pentanediamine		NR	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
2-Methyl-2-hydroxy-3-butyne		R	
2-Methyl-5-ethyl pyridine		NR	
2-Methyl-6-ethyl aniline		R	1B
2-Methylglutaronitrile with 2-Ethylsuccinonitrile (12% or less)		R	
2-Methylpyridine		NR	
2-Propene-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, homopolymer solution		R	
3,4-Dichloro-1-butene		R	1A, 4
3-(methylthio)propionaldehyde		NR	
3-Methoxy-1-butanol		R	
3-Methoxybutyl acetate		R	
3-Methyl-3-methoxybutanol		R	
3-Methylpyridine		NR	
4-Chloro-2-methylphenoxyacetic acid, dimethylamine salt solution		NR	
4-Methylpyridine		NR	
Acetaldehyde		NR	
Acetic acid		NR	
Acetic anhydride		NR	
Acetochlor		NT/FS	
Acetone		R	1A
Acetone cyanohydrin		NR	
Acetonitrile		R	4
Acetonitrile (Low purity grade)		R	4
Acid oil mixture from soyabean, corn (maize) and sunflower oil refining	65.0°C	R	3
Acrylamide solution (50% or less)		NR	
Acrylic acid		NR	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Acrylic acid/ethenesulphonic acid copolymer with phosphonate groups, sodium salt solution		NT/FS	
Acrylonitrile		R	16
Acrylonitrile-Styrene copolymer dispersion in polyether polyol		R	
Adiponitrile		R	
Alachlor technical (90% or more)		NT/FS	
Alcoa CARP contains: Sodium hydroxide		NT/FS	
Alcohol (C10-C18) poly(7) ethoxylate		R	
Alcohol (C12-C13, branched and linear) poly-(4-8) propoxy sulfates, sodium salt 25-30% solution		R	
Alcohol (C12-C16) poly(1-6) ethoxylates		R	
Alcohol (C12-C16) poly(20+)ethoxylates		R	
Alcohol (C12-C16) poly(7-19)ethoxylates		R	
Alcohol (C6-C17) (secondary) poly(3-6)ethoxylates		R	
Alcohol (C6-C17) (secondary) poly(7-12)ethoxylates		R	
Alcohol (C9-C11) poly (2.5-9) ethoxylate		R	
Alcoholic beverages, n.o.s.		R	
Alcohols (C12+), primary, linear	60.0°C	R	
Alcohols (C12-C13), primary, linear and essentially linear	60.0°C	R	
Alcohols (C13+)	60.0°C	R	
Alcohols (C14-C18), primary, linear and essentially linear	60.0°C	R	
Alcohols (C8-C11), primary, linear and essentially linear		R	
Alkanes (C10-C17), linear and branched		R	
Alkanes (C10-C26), linear and branched (Flashpoint ≤60C)		R	
Alkanes (C10-C26), linear and branched, (Flashpoint >60C)		R	
Alkanes (C4-C12) linear, branched and cyclic (containing benzene up to 1%)		R	
Alkanes (C5-C7), linear and branched		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Alkanes (C6-C9)		R	
Alkanes (C9-C24) linear, branched and cyclic (Flashpoint ≤60C)		R	
Alkanes (C9-C24) linear, branched and cyclic (Flashpoint >60C)		R	
Alkaryl polyethers (C9-C20)		R	
Alkenoic acid, polyhydroxy ester borated		NR	
Alkenyl (C11+) amide		R	
Alkenyl (C16-C20) succinic anhydride		R	
Alkyl (C10-C20, saturated and unsaturated) phosphite		NR	
Alkyl (C11-C17) benzene sulphonic acid		NR	
Alkyl (C12+) dimethylamine		NR	
Alkyl (C12-C14) polyglucoside solution (55% or less)		R	
Alkyl (C18+) toluenes		R	
Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase		R	
Alkyl (C18-C28) toluenesulphonic acid, calcium salts, low overbase		R	
Alkyl (C3-C4) benzenes		R	
Alkyl (C5-C8) benzenes		R	
Alkyl (C7-C9) nitrates		R	
Alkyl (C8-C10) polyglucoside solution (65% or less)		R	
Alkyl (C8-C10)/(C12-C14):(40% or less/60% or more) polyglucoside solution (55% or less)		R	
Alkyl (C8-C10)/(C12-C14):(50%/50%) polyglucoside solution (55% or less)		R	
Alkyl (C8-C10)/(C12-C14):(60% or more/40% or less) polyglucoside solution (55% or less)		R	
Alkyl (C8-C40) phenol sulphide		R	
Alkyl (C8-C9) phenylamine in aromatic solvents		NR	
Alkyl (C9-C15) phenyl propoxylate		R	
Alkyl acrylate-vinylpyridine copolymer in toluene		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Alkyl dithiocarbamate (C19-C35)		NR	
Alkyl dithiothiadiazole (C6-C24)		R	
Alkyl ester copolymer (C4-C20)		R	
Alkyl sulphonic acid ester of phenol		R	
Alkyl(C12-C16) propoxyamine ethoxylate		NR	
Alkyl(C18-C28) toluenesulphonic acid		NR	
Alkyl(C18-C28) toluenesulphonic acid, calcium salts, borated		R	
Alkyl(C7-C11)phenol poly(4-12) ethoxylate		R	
Alkyl(C9+)benzenes	80.0°C	R	
Alkyl/cyclo (C4-C5) alcohols		R	
Alkylaryl phosphate mixtures (more than 40% Diphenyl tolyl phosphate, less than 0.02% ortho-isomers)		R	
Alkylated (C4-C9) hindered phenols		NR	
Alkylbenzene distillation bottoms		R	
Alkylbenzene mixtures (containing at least 50% of toluene)		R	
Alkylbenzene sulphonic acid, sodium salt solution		R	
Alkylbenzene, alkyindane, alkyindene mixture (each C12-C17)		R	
Alkylbenzenes mixtures (containing naphthalene)		R	
Alkyltoluenesulphonic acid, calcium salts		R	4
Allyl alcohol		R	
Allyl chloride		NR	
alpha-Methylbenzyl alcohol with acetophenone (15% or less)		R	
alpha-Methylstyrene		R	
alpha-Olefin (C12+) mixtures		R	
alpha-Olefins (C6-C18) mixtures		R	
alpha-Pinene		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Aluminium chloride/Hydrogen chloride solution		NR	
Aluminium hydroxide, sodium hydroxide, sodium carbonate solution (40% or less)		R	
Aluminium sulphate solution		R	
AMINE DCT contains: Triethylenetetramine/2-piperazine-1-ylethylamine mixtures		NR	
Aminoethyl ethanolamine		NR	
Aminoethyldiethanolamine/Aminoethylethanolamine solution		NR	
Ammonia aqueous (28% or less)		R	
Ammonium chloride solution (less than 25%)		R	
Ammonium hydrogen phosphate solution		R	
Ammonium lignosulphonate solutions		R	
Ammonium nitrate solution (93% or less)		R	
Ammonium polyphosphate solution		R	
Ammonium sulphate solution		R	
Ammonium sulphide solution (45% or less)		R	
Ammonium thiosulphate solution (60% or less)		R	
Amyl acetate (all isomers)		R	
Amyl alcohol, primary		R	
Aniline		R	1B
Antifreeze Preparation contains: Ethylene Glycol		R	
AP 13275 contains: Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14) and Mineral Oil		R	
Apple Juice		R	
Aromatic Oil (excluding Vegetable Oil)		R	
Aryl polyolefins (C11-C50)		R	
Asphalt	70.0°C	R	8

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Asphalt Blending Stocks: Roofers Flux	80.0°C	R	8
Asphalt Blending Stocks: Straight Run Residue		R	
Automotive Gasoline		R	
Aviation alkylates (C8 paraffins and iso-paraffins BPT 95 - 120°C)		R	
Aviation Gasoline		R	
Barium long chain (C11-C50) alkaryl sulphonate		R	
Base Oil		R	
Bayer Process Liquid contains Sodium aluminate and Sodium hydroxide		R	
Benzene and mixtures having 10% benzene or more (i)		R	
Benzene sulphonyl chloride		R	
Benzenetricarboxylic acid, trioctyl ester		R	
Benzyl acetate		R	
Benzyl alcohol		R	
Benzyl chloride		R	2, 4
beta-Pinene		R	
beta-Propiolactone		NR	
Betaine Solution		R	
Bio-fuel blends of Diesel/gas oil and Alkanes (C10-C26), linear and branched with a flashpoint >60Å°C (>25% but		R	
Bio-fuel blends of Diesel/gas oil and Alkanes (C10-C26), linear and branched, flashpoint ≤60Å°C (>25% but		R	
Bio-fuel blends of Diesel/gas oil and Alkanes (C9-C24), linear and branched with a flashpoint >60Å°C (>25% but		R	
Bio-fuel blends of Diesel/gas oil and Alkanes (C9-C24), linear and branched, flashpoint ≤60Å°C (>25% but		R	
Bio-fuel blends of Diesel/gas oil and FAME (>25% but	65.0°C	R	
Bio-fuel blends of Diesel/gas oil and Vegetable oil (>25% but		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Bio-fuel blends of Gasoline and Alkanes (C4-C12), linear, branched and cyclic (>25% but		R	
Bio-fuel blends of Gasoline and Ethyl alcohol (>25% but		R	
Bio-fuel blends of Jet fuels and Alkanes (C10-C17), linear and branched (>25% but		R	
Bio-fuel blends of Naphtha and Alkanes (C4-C12), linear, branched and cyclic (>25% but		R	
Bis(2-ethylhexyl) terephthalate		R	
Bis(2-propylheptyl)phthalate		R	
BK Gasoline contains: Benzene and 1,3-Cyclopentadiene dimer (molten)		R	
BK Reformed/Platformed Gasoline contains: 1,3-Cyclopentadiene dimer (molten) and styrene		R	
Brake fluid base mix: Poly(2-8)alkylene (C2-C3) glycols/Polyalkylene (C2-C10) glycols monoalkyl (C1-C4) ethers and their borate esters		R	
Bromochloromethane		NR	
Butadiene		R	
Butene oligomer		R	
Butyl acetate (all isomers)		R	
Butyl acrylate (all isomers)		R	
Butyl benzyl phthalate		R	
Butyl butyrate (all isomers)		R	
Butyl methacrylate		R	
Butyl/Decyl/Cetyl/Eicosyl methacrylate mixture		R	
Butylamine (all isomers)		NR	
Butylbenzene (all isomers)		R	
Butylene		R	
Butylene glycol		R	
Butyraldehyde (all isomers)		NR	
Butyric acid		NR	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
C5 Raffinate contains: 1,3-Cyclopentadiene, dimer (molten) and Isoprene		R	
C9-Resinfeed (USA)		R	
CA 354 contains: Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Zinc Alkyl dithiophosphate (C3-C14) and mineral oil		R	
CaCl ₂ Kill Pill		R	
Calcium alkaryl sulphonate (C11-C50)		R	
Calcium alkyl (C10-C28) salicylate		R	
Calcium carbonate slurry		R	
Calcium hydroxide slurry		R	
Calcium hypochlorite solution (15% or less)		NR	
Calcium hypochlorite solution (more than 15%)		NR	
Calcium lignosulphonate solutions		R	
Calcium long-chain alkyl (C18-C28) salicylate		R	
Calcium long-chain alkyl phenate sulphide (C8-C40)		R	
Calcium long-chain alkyl salicylate (C13+)		R	
Calcium long-chain alkyl(C11-C40) phenate		R	
Calcium long-chain alkyl(C5-C10) phenate		R	
Calcium nitrate solution (50% or less)		R	
Calcium nitrate/Magnesium nitrate/Potassium chloride solution		R	
Camelina Oil	65.0°C	R	3
Camphor oil		R	
Carbolic oil		NR	
Carbon disulphide		R	
Carbon tetrachloride		R	4
Caromax 20 contains: Alkyl (C3-C4) benzenes and Napthalene		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Caromax 20/45 contains: Alkyl (C3-C4) benzenes and Napthalene		R	
Caromax 26 contains: Methylnapthalene and Poly(2+) cyclic aromatics		R	
Caromax 28 contains: Methylnapthalene and Poly(2+) cyclic aromatics		R	
CAS 29/75 contains: Methylnapthalene and Poly(2+) cyclic aromatics		R	
Cashew nut shell oil (untreated)		R	3
Castor oil	65.0°C	R	3
Cesium formate solution		R	
Cetyl/Eicosyl methacrylate mixture		R	
CGW80742 contains: Methyl Alcohol and Heterocyclic Quaternary Ammonium Salt		R	16
Chlorinated paraffins (C10-C13)		R	
Chlorinated paraffins (C14-C17) (with 50% chlorine or more, and less than 1% C13 or shorter chains)		R	
Chloroacetic acid (80% or less)		NR	
Chlorobenzene		R	4
Chloroform		NT/FS	
Chlorohydrins (crude)		NR	
Chlorosulphonic acid		NR	
Chlorotoluenes (mixed isomers)		R	
Choline chloride solutions		R	
Choline hydroxide solution		NT/FS	
Citric acid (70% or less)		R	
Clairsol 350MHF contains: n-Alkanes (C10+)		R	
Clairsol CT-NA contains: n-Alkanes (C10+)		R	
Clairsol NS contains: n-Alkanes (C10+)		R	
Clay slurry		R	
Clean Petroleum Product		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Coal slurry		R	
Coal tar	105.0°C	R	8
Coal tar naphtha solvent		R	
Coal tar pitch (molten)		R	8
Cocoa butter	65.0°C	R	3
Coconut oil	65.0°C	R	3
Coconut oil fatty acid	65.0°C	R	3
Coconut oil fatty acid methyl ester	65.0°C	R	
Copper salt of long chain (C17+) alkanolic acid		R	4
Corn Oil	65.0°C	R	3
Cotton seed oil	65.0°C	R	3
Cow milk		NT/FS	
Creosote (coal tar)		R	
Cresol/Phenol/Xylenol mixture		NT/FS	
Cresols (all isomers)		NR	
Cresylic acid, dephenolized		NR	
Cresylic acid, sodium salt solution		R	
Crotonaldehyde		NR	
Crude Hazelnut Oil	65.0°C	R	3
Crude Oil	120.0°C	R	
CTC Crude Type A contains: Carbon Tetrachloride		R	4
Cycloheptane		R	
Cyclohexane		R	
Cyclohexane oxidation products, sodium salts solution		R	
Cyclohexane-1,2-dicarboxylic acid, diisononyl ester		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Cyclohexanol		R	
Cyclohexanone		R	1A
Cyclohexanone, Cyclohexanol mixture		R	1A
Cyclohexyl acetate		R	
Cyclohexylamine		NR	
Cyclopentane		R	
Cyclopentanol		R	
Cyclopentene		R	
D-Crude CTC contains: Carbon Tetrachloride		R	4
Decahydronaphthalene		R	
Decanoic acid		R	1A
Decene		R	
Decyl acrylate		R	
Decyl alcohol (all isomers)		R	
Decyl/Dodecyl/Tetradecyl alcohol mixture		R	
Decyloxytetrahydrothiophene dioxide		R	
DHC Bottoms	70.0°C	R	
Di- (2-ethylhexyl) terephthalate		R	
Di-(2-ethylhexyl) adipate		R	
Di-(2-ethylhexyl) phosphoric acid		NR	
Di-n-hexyl adipate		R	
Di-n-propylamine		NR	
Diacetone alcohol		R	1A
Dialkyl (C7-C13) phthalates		R	
Dialkyl (C8-C9) diphenylamines		NR	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Dialkyl (C9-C10) phthalates		R	
Dialkyl thiophosphates sodium salts solution		R	
Dibromomethane		NR	
Dibutyl hydrogen phosphonate		R	8
Dibutyl phthalate		R	
Dibutyl Terephthalate		R	
Dibutylamine		NR	
Dichlorobenzene (all isomers)		R	1A, 4
Dichloroethyl ether		NR	
Dichloromethane		NR	
Dichloropropene/Dichloropropane mixtures		R	1A, 4
Dicyclopentadiene, Resin Grade, 81-89%		R	
Diesel Oil	60.0°C	R	
Diesel Oil (Dyed)	60.0°C	R	
Diesel oil blended with up to 15% Biofuel	60.0°C	R	
Diesel oil blended with up to 5% Biofuel	60.0°C	R	
Diethanolamine		R	4
Diethyl ether		R	
Diethyl phthalate		R	
Diethyl sulphate		R	
Diethylamine		NR	
Diethylaminoethanol		R	1A, 4
Diethylbenzene		R	
Diethylene glycol		R	
Diethylene glycol dibutyl ether		R	1A, 4

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Diethylene glycol diethyl ether		R	1A
Diethylene glycol phthalate		R	
Diethylenetriamine		NR	
Diethylenetriaminepentaacetic acid, pentasodium salt solution		R	
Diglycidyl ether of bisphenol A		R	
Diglycidyl ether of bisphenol F		R	
Diheptyl phthalate		R	
Dihexyl phthalate		R	
Diisobutyl ketone		R	
Diisobutyl phthalate		R	
Diisobutylamine		NR	
Diisobutylene		R	
Diisononyl adipate		R	
Diisooctyl phthalate		R	
Diisopropanolamine	50.0°C	R	4
Diisopropylamine		NR	
Diisopropylbenzene (all isomers)		R	
Diisopropylnaphthalene		R	
Dimethyl adipate		R	
Dimethyl disulphide		R	
Dimethyl glutarate		R	
Dimethyl hydrogen phosphite		NR	
Dimethyl octanoic acid		R	1A
Dimethyl phthalate		R	
Dimethyl succinate		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Dimethylamine solution (45% or less)		NR	
Dimethylamine solution (greater than 45% but not greater than 55%)		NR	
Dimethylamine solution (greater than 55% but not greater than 65%)		NR	
Dimethylethanolamine		R	4
Dimethylformamide		R	1A
Dimethylpolysiloxane		R	
Dinitrotoluene (molten)		R	2
Dinonyl phthalate		R	
Dioctyl phthalate		R	
Dipentene		R	
Diphenyl		R	
Diphenyl ether		R	
Diphenyl ether/Diphenyl phenyl ether mixture		R	
Diphenyl/Diphenyl ether mixtures		R	1A
Diphenylamine (molten)		NR	
Diphenylamine, reaction product with 2,2,4-Trimethylpentene		NR	
Diphenylamines, alkylated		NR	
Diphenylmethane diisocyanate		R	
Diphenylol propane-epichlorohydrin resins		R	
Dipropylene glycol		R	
Distillates (Petroleum)		R	
Disulfide Oil		R	
Dithiocarbamate ester (C7-C35)		NR	
Ditridecyl adipate		R	
Ditridecyl phthalate		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Diundecyl phthalate		R	
Dodecane (all isomers)		R	
Dodecene (all isomers)		R	
Dodecyl alcohol		R	
Dodecyl diphenyl ether disulphonate solution		NR	
Dodecyl hydroxypropyl sulphide		R	
Dodecyl methacrylate		R	
Dodecyl phenol		R	
Dodecyl Xylene		R	
Dodecyl/Octadecyl methacrylate mixture		R	
Dodecyl/Pentadecyl methacrylate mixture		R	
Dodecylamine/Tetradecylamine mixture		NR	
Dodecylbenzene		R	
Drilling brines (containing calcium bromide)		R	
Drilling brines (containing zinc chloride)		R	
Drilling brines (containing zinc salts)		R	
Drilling brines, including:calcium bromide solution, calcium chloride solution and sodium chloride solution		R	
E85 VSS		R	
E85 VWS		R	
E90 (Fuelstreamers, Inc.)		R	
E90 (Shell)		R	
Eastman VersaMax contains: Bis-(2-ethylhexyl) terephthalate and Dibutyl terephthalate		R	
Eastman VersaMax Plus contains: Dibutyl terephthalate		NT/FS	
EB-8061		R	1A, 4
EB-8228 contains: Poly(iminoethylene)-graft-N-poly(ethyleneoxyl) solution (90% or less)		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
EB-8246		R	1A, 4
EC6671A contains: Methyl alcohol; Poly N-alkylmethacrylamide ammonium acrylate copolymer (20% solution in DEGME)		R	19
EC9360A contains: Ethoxylated Alkyl Sulfate		R	
EC9378A contains: Low odour paraffin solvent		R	
EC9398A contains: Low odour paraffin solvent		R	
EC9660A contains: Ethoxylated Alkyl Sulfate		R	
ECFS Blend contains: Acetic anhydride		NT/FS	
EDC contains: Ethylene Dichloride		R	16
EEHC1 contains: Triethylene glycol		R	
Epichlorohydrin		NR	
Epoxy Resin XZ-92742		R	
epsilon-Caprolactam (molten or aqueous solutions)		R	
EPT-2492 contains: Acetic Acid		NR	
Ethanolamine		R	1A
Ethoxylated long chain (C16+) alkyloxyalkylamine		NR	
Ethoxylated tallow amine (>95%)		NR	
Ethyl acetate		R	1B
Ethyl acetoacetate		R	
Ethyl acrylate		R	
Ethyl alcohol		R	19
Ethyl amyl ketone		R	
Ethyl butyrate		R	
Ethyl methacrylate		R	
Ethyl propionate		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Ethyl tert-butyl ether		R	
Ethyl toluene		R	
Ethyl-3-ethoxypropionate		R	
Ethylamine		NR	
Ethylamine solutions (72% or less)		NR	
Ethylbenzene		R	
Ethylcyclohexane		R	
Ethylene		R	
Ethylene carbonate	50.0°C	R	
Ethylene chlorohydrin		R	4
Ethylene cyanohydrin		R	2, 4
Ethylene dibromide		NR	
Ethylene dichloride		R	16
Ethylene glycol	90.0°C	R	
Ethylene Glycol (>75%)/sodium alkyl carboxylates/borax mixture		R	
Ethylene Glycol (>85%)/sodium alkyl carboxylates mixture		R	
Ethylene glycol acetate		R	
Ethylene glycol butyl ether acetate		R	
Ethylene glycol diacetate		R	
Ethylene glycol methyl ether acetate		R	
Ethylene glycol monoalkyl ethers		R	
Ethylene glycol phenyl ether		R	1A
Ethylene glycol phenyl ether/Diethylene glycol phenyl ether mixture		R	1A
Ethylene oxide/Propylene oxide mixture with an ethylene oxide content of not more than 30% by mass		NR	
Ethylene-vinyl acetate copolymer (emulsion)		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Ethylenediamine		NR	
Ethylenediaminetetraacetic acid, tetrasodium salt solution		R	
Ethylidene norbornene		R	
Ethylol 75 (contains - Ethyl alcohol and Isopropyl ether)		R	
Ethylol 78 eM (contains - Ethyl alcohol)		R	
Exxal 10		R	
Exxal 12		R	
Exxal 13		R	
Exxal 7		R	
Exxal 8		R	
Exxal 9		R	
Exxal L9		R	
Fatty acid (saturated C13+)	65.0°C	R	3
Fatty acid methyl esters (m)	65.0°C	R	
Fatty acids, (C12+)	65.0°C	R	3
Fatty acids, (C16+)	65.0°C	R	3
Fatty acids, (C8-C10)	40.0°C	R	3
Fatty acids, essentially linear (C6-C18) 2-ethylhexyl ester		R	
Ferric chloride solutions		R	
Ferric nitrate/Nitric acid solution		NR	
Ferrous chloride solution (less than 40%, containing less than 10% manganese and aluminum chlorides)		R	
Fish oil		R	3
Flashed Feed Stock Distillates N.O.S.		R	
Fluorosilicic acid solution (20-30%)		NR	
Formaldehyde solutions (45% or less)		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Formamide		NR	
Formic acid (85% or less acid)		NR	
Formic acid (over 85%)		NR	
Formic acid mixture (containing up to 18% Propionic acid and up to 25% sodium formate)		NR	
Fraction C6 contains: Benzene		R	
Fraction C7 contains: Toluene		R	
Fraction TX contains: Toluene		R	
Fuel Oil No. 1 (Kerosene)		R	
Fuel Oil No. 1-D	60.0°C	R	
Fuel Oil No. 2		R	
Fuel Oil No. 2-D	60.0°C	R	
Fuel Oil No. 4	60.0°C	R	
Fuel Oil No. 5	60.0°C	R	
Fuel Oil No. 6	90.0°C	R	
Fuerza Combustible contains Methlyl alcohol; Octane		R	19
Furan		R	2, 4, 8
Furfural		R	2
Furfuryl alcohol		R	2
gamma-Butyrolactone		R	
Gas Condensate		R	
Gas Oil - Cracked		R	
Gasoline and Ethyl alcohol Blend (R	
Gasoline and Renewable Naphtha Blend		R	
Gasoline Blending Component SG90		R	
Gasoline Blending Stock		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Gasoline Blending Stocks - Alkylates		R	
Gasoline Blending Stocks - Reformates		R	
Gasoline Casinghead		R	
Gasolines Polymer		R	
Gasolines Straight Run		R	
Glucitol/glycerol blend propoxylated (containing 10% or more amines)		NR	
Glucitol/glycerol blend propoxylated (containing less than 10% amines)		NR	
Glucose solution		R	
Glutaraldehyde solutions (50% or less)		NR	
Glycerine	65.0°C	R	
Glycerol ethoxylated		R	
Glycerol monooleate		R	
Glycerol polyalkoxylate		R	
Glycerol propoxylated		R	
Glycerol, propoxylated and ethoxylated		R	
Glycerol/sucrose blend propoxylated and ethoxylated		R	
Glyceryl triacetate		R	4
Glycidyl ester of C10 trialkylacetic acid		R	
Glycine, sodium salt solution		NR	
Glycolic acid solution (70% or less)		NR	
Glyoxal solution (40% or less)		R	
Glyoxylic acid solution (50% or less)		NR	
Glyphosate solution (not containing surfactant)		NT/FS	
Grape Seed Oil	65.0°C	R	3
Groundnut oil	65.0°C	R	3

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Gyptron SA 3360 contains: Hydrochloric Acid		NR	
Gyptron SA1360 contains: Hydrochloric Acid		NR	
Gyptron SA1650 contains: Ethylene Glycol		NT/FS	
Gyptron SA1660 contains: Ethylene Glycol		NT/FS	
Gyptron SA3050 contains: Ethylene Glycol		NT/FS	
Gyptron SA3070 contains: Ethylene Glycol		R	
H.B.M. (Volatile oil) contains: 1,3-Pentadiene		R	
Heavy Aromatic Concentrate		R	
Heavy aromatics HVA 9B contains: Naphthalene (molten) and Poly(2+)cyclic aromatics		R	
Heavy aromatics HVA 9C contains: Naphthalene (molten) and Poly(2+)cyclic aromatics		R	
Heavy aromatics HVA 9K contains: Naphthalene (molten) and Poly(2+)cyclic aromatics		R	
Heavy aromatics HVA 9V contains: Naphthalene (molten) and Poly(2+)cyclic aromatics		R	
Heavy aromatics HVA 9W contains: Naphthalene (molten) and Poly(2+)cyclic aromatics		R	
Heavy aromatics HVA 9Y contains: Naphthalene (molten) and Poly(2+)cyclic aromatics		R	
Heavy aromatics HVA 9Z contains: Naphthalene (molten) and Poly(2+)cyclic aromatics		R	
Heavy Mineral Oil	60.0°C	R	
Heptane (all isomers)		R	
Heptanol (all isomers) (d)		R	
Heptene (all isomers)		R	
Heptyl acetate		R	
Hexamethylene diisocyanate		R	
Hexamethylene glycol		R	
Hexamethylenediamine (molten)		NR	
Hexamethylenediamine adipate (50% in water)		R	
Hexamethylenediamine solution		NR	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Hexamethyleneimine		NR	
Hexamethylenetetramine solutions		NR	
Hexane (all isomers)		R	
Hexanoic acid		NR	
Hexanol		R	
Hexene (all isomers)		R	
Hexyl acetate		R	
Hexylene glycol		R	
HiTEC 9345P contains: Polyolefin (MW300+), Zinc Alkyl Dithiophosphate (C3-C14) and mineral oil		NT/FS	
HiTEC 9345S contains: Polyolefin amide alkeneamine (C17+), Zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	
HIW81233 contains: Ethylene glycol monoalkyl ethers		R	
Hydrocarbon Wax	70.0°C	NT/FS	
Hydrochloric acid		NR	
Hydrocracker Unconverted Oil (BP)	70.0°C	R	
Hydrogen peroxide solutions (over 60% but not over 70% by mass)		NR	
Hydrogen peroxide solutions (over 8% but not over 60% by mass)		NR	
Hydrogenated starch hydrolysate		R	
Hydroxy terminated polybutadiene		R	
IDP-24/35		R	
IDP-24/35		R	
Illipe oil	65.0°C	R	3
Interesterified Mixed Vegetable Fat IE-34	65.0°C	R	3
Interesterified Mixed Vegetable Fat IE-UT	65.0°C	R	3
Interesterified Mixed Vegetable Oil IE-28	65.0°C	R	3

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
IP CLEAN LX contains Dodecane (all isomers)		R	
IP Extraction Feed contains: 1,3-Cyclopentadiene, dimer and Isoprene		R	
IP SOLVENT 1620 contains Dodecane (all isomers)		R	
Iso- and cyclo-alkanes (C10-C11)		R	
Iso- and cyclo-alkanes (C12+)		R	
Isoamyl alcohol		R	
Isobutyl alcohol		R	
Isobutyl formate		R	4
Isobutyl methacrylate		R	
Isophorone		R	
Isophorone diisocyanate		R	
Isophoronediamine		NR	
Isoprene		R	
Isopropanolamine		NR	
Isopropyl acetate		R	
Isopropyl alcohol		R	
Isopropyl ether		R	
Isopropylamine		NR	
Isopropylamine (70% or less) solution		NR	
Isopropylcyclohexane		R	
Jatropha oil	65.0°C	R	3
Jet Fuel JP-1		R	
Jet Fuel JP-3		R	
Jet Fuel JP-4		R	
Jet Fuel JP-5		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Jet Fuel, Turbo Fuel		R	
Kaolin slurry		R	
Kerosene		R	
Kerosene (Dyed)		R	
Kogasol 56 contains Hexane (all isomers) and Heptane (all isomers)		R	
L-Lysine solution (60% or less)		NR	
Lactic acid		R	
Lactonitrile solution (80% or less)		NR	
Lard	70.0°C	R	3
Latex, ammonia (1% or less)- inhibited		R	
Latex: Carboxylated styrene-Butadiene copolymer; Styrene-Butadiene rubber		R	
Lauric acid		R	
Lauric acid methyl ester/myristic acid methyl ester mixture		R	
Lecithin		R	
Light Shale Oil	90.0°C	R	
Ligninsulphonic acid, magnesium salt solution	60.0°C	R	
Ligninsulphonic acid, sodium salt solution	35.0°C	R	
Linseed oil	65.0°C	R	3
Liquid chemical wastes		NT/FS	
Long-chain alkaryl polyether (C11-C20)		R	
Long-chain alkaryl sulphonic acid (C16-C60)		R	8
Long-chain alkylphenate/Phenol sulphide mixture		NR	
Long-chain alkylphenol (C14-C18)		R	
Long-chain alkylphenol (C18-C30)		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
LUBAD 1179 contains: Calcium long-chain alkyl phenate sulphide (C8-C40), Alkyl(C18-C28) toluene sulphonic acid, calcium salts, low overbase, and mineral oil		R	
LUBAD 1197 contains: Calcium long-chain alkyl phenate sulphide (C8-C40), Alkyl(C18-C28) toluene sulphonic acid, calcium salts, low overbase, and mineral oil		R	
LUBAD 1807 contains Alkyl(C18-C28) toluenesulfonic acid, calcium salts, low overbase, zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	
LUBAD 1829 contains Alkyl(C18-C28) toluenesulfonic acid, calcium salts, low overbase, Oleylamine and mineral oil		R	
LUBAD 1887 contains: Calcium long-chain alkyl phenate sulphide, Alkyl(C18-C28) toluene sulphonic acid, calcium salts, high overbase, and mineral oil		NT/FS	
Lubricating Oils		R	
Lubrizol 16005, contains Calcium alkaryl sulphonate (C11-C50)		R	
Lubrizol 20017 contains: Polyolefin amide alkeneamine (C17+), Alkenyl (C11+) amide and mineral oil		R	
Lubrizol 70179 contains Zinc alkyl dithiophosphate (C3-C14)		R	
Lubrizol CV2301 contains: Polyolefin amide alkeneamine (C17+), Zinc alkyl dithiophosphate (C3-C14), and Mineral oil		R	
Lubrizol CV2307 contains Calcium alkaryl sulphonate (C11-C50), zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	
Lubrizol CV6503 contains: Mineral Oil and Calcium alkaryl sulphonate (C11-C50)		R	
LUBRIZOL CV6530 contains: Polyolefin amide alkeneamine (C17+), Zinc alkyl dithiophosphate (C3-C14), and Mineral oil		NT/FS	
Lubrizol FM2600TL contains: Calcium long chain alkyl phenate sulphide (C8-C40) and Mineral oil		R	
Lubrizol MD9C01X contains: Calcium long-chain alkyl phenate sulphide (C8-C40)		R	
Lubrizol MD9C140X contains: Calcium long-chain alkyl phenate sulphide (C8-C40)		R	
Lubrizol PV1023 contains: Calcium alkaryl sulphonate (C11-C50), Alkenyl (C11+) amide and mineral oil		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Lubrizol PV3400X contains: Polyolefin amide alkeneamine (C17+) and mineral oil		R	
Lubrizol PV6500X contains: Alkylated (C4-C9) hindered phenols, Polyolefin amide alkeneamine (C17+) and mineral oil		R	
Lubrizol PV6501X contains: Alkylated (C4-C9) hindered phenols, Polyolefin amide alkeneamine (C17+) and mineral oil		R	
Lubrizol SLF6006 contains: Polyolefin amide alkeneamine (C17+) and Calcium long chain alkyl phenate sulphide (C8-C40)		R	
m-Chlorotoluene		R	1A, 4
Magnesium chloride solution		R	
Magnesium hydroxide slurry		R	
Magnesium long-chain alkaryl sulphonate (C11-C50)		R	
Magnesium long-chain alkyl salicylate (C11+)		R	
Maleic anhydride		NR	
Maleic anhydride-sodium allylsulphonate copolymer solution		NR	
Maltitol solution		R	
Mango kernel oil	65.0°C	R	3
Mercaptobenzothiazol, sodium salt solution		R	
Mesityl oxide		R	
Metam sodium solution		R	
Methacrylic acid		NR	
Methacrylic acid - alkoypoly (alkylene oxide) methacrylate copolymer, sodium salt aqueous solution (45% or less)		R	
Methacrylic resin in ethylene dichloride		R	4
Methacrylonitrile		R	16
Methyl 3-(3,5 di-tert-butyl-4-hydroxyphenyl)propionate crude melt		NR	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Methyl acetate		R	1A
Methyl acetoacetate		R	4
Methyl acrylate		R	4
Methyl alcohol		R	19
Methyl amyl ketone		R	
Methyl butyl ketone		R	
Methyl butyrate		R	4
Methyl Cyclopentane		R	
Methyl diethanolamine	60.0°C	R	4
Methyl ethyl ketone		R	1A
Methyl formate		R	4, 16
Methyl isobutyl ketone		R	
Methyl methacrylate		R	
Methyl naphthalene (molten)		NR	
Methyl propyl ketone		R	1A
Methyl salicylate		R	
Methyl tert-butyl ether		R	
Methylamine solutions (42% or less)		NR	
Methylamyl acetate		R	4
Methylamyl alcohol		R	
Methylbutenol		R	
Methylbutynol		R	
Methylcyclohexane		R	
Methylcyclohexanemethanol (crude)		R	
Methylcyclopentadiene dimer		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Methylcyclopentadienyl manganese tricarbonyl		R	
Metilox		R	
Microsilica slurry		R	
Mineral Oil		R	
Mineral Spirits		R	
Mixtures containing Crude Oil		R	
Molasses	60.0°C	R	
Molybdenum polysulfide long chain alkyl dithiocarbamide complex		NT/FS	
Morpholine		R	4, 16
Motor fuel anti-knock compound (containing lead alkyls)		R	
Motor Gasoline (Leaded)		R	
Motor Oil		R	
MP Cresol 45 contains: Cresols (all isomers) - Old Classification		NR	
MP Cresol 70 contains: Cresols (all isomers) - Old Classification		NR	
MPG Basic contains: Poly(2-8) alkylene glycol monoalkyl (C1-C6) ether and sodium methylate		R	
Myrcene		R	
N,N-Dimethylacetamide		NR	
N,N-Dimethylacetamide solution (40% or less)		NR	
N,N-Dimethylcyclohexylamine		NR	
N,N-Dimethyldodecylamine		NR	
N-(2-Methoxy-1-methyl ethyl)-2-ethyl-6-methyl chloroacetanilide		NT/FS	
N-(Hydroxyethyl)ethylenediaminetriacetic acid, trisodium salt solution		NR	
n-Alkanes (C10+)		R	
n-Alkanes (C10-C20)		NT/FS	
n-Alkanes (C9-C11)		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
N-Aminoethylpiperazine		NR	
n-Amyl alcohol		R	
n-Butyl alcohol		R	
n-Butyl ether		R	1A
n-Butyl propionate		R	4
n-Dodecyl Mercaptan		R	
N-Ethylcyclohexylamine		NR	
N-Ethylmethylallylamine		NR	
n-Heptanoic acid		R	2, 4, 8
N-Methyl-2-pyrrolidone		R	1A
N-Methylaniline		R	2
N-Methylglucamine solution (70% or less)		NR	
n-Octyl acetate		R	4
n-Octyl Mercaptan		R	
n-Pentanoic acid (64%)/2-Methyl butyric acid (36%) mixture		NR	
n-Pentyl propionate		R	
n-Propanolamine		NR	
n-Propyl acetate		R	4
n-Propyl alcohol		R	
n-Propylamine		NR	
Naphtha Heartcut Distillate Oil		R	
Naphtha Petroleum		R	
Naphtha Solvent		R	
Naphthalene (molten)		NR	
Naphthalene crude (molten)		NR	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Naphthalenesulphonic acid-Formaldehyde copolymer, sodium salt solution		R	
Napthenic acids		R	
Neodecanoic acid		R	
Nitrating acid (mixture of sulphuric and nitric acids)		NR	
Nitric acid (70% and over)		NR	
Nitric acid (less than 70%)		NR	
Nitrilotriacetic acid, trisodium salt solution		NR	
Nitrobenzene		R	
Nitroethane		R	
Nitroethane(80%)/Nitropropane(20%)		R	
Nitroethane, 1-Nitropropane (each 15% or more) mixture		R	4
Nitropropane (60%)/Nitroethane (40%) mixture		R	
Non noxious liquid, (12) n.o.s. (...) Cat. OS		R	
Non noxious liquid, (12) n.o.s. (Mix 30, contains Vegetable protein solution (hydrolysed)) Cat. OS		R	
Non-edible industrial grade palm oil	65.0°C	R	3
Nonane (all isomers)		R	
Nonanoic acid (all isomers)		R	1A, 4
Nonene (all isomers)		R	
Nonyl alcohol (all isomers)		R	
Nonyl methacrylate monomer		R	
Nonylphenol		R	
Nonylphenol (48-62%)/Phenol (42-48%)/Dinonylphenol (1-10%) mixture		NR	
Nonylphenol poly(4+)ethoxylate		R	
Noxious liquid, (11) n.o.s. (...) Cat. Z		NT/FS	
Noxious liquid, (11) n.o.s. (ALCOFREEZE BASE, contains Ethyl alcohol) Cat. Z		NT/FS	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Noxious liquid, (11) n.o.s. (CN9, contains Less than 50% calcium nitrate, less than 10% ammonium nitrate) Cat. Z		R	
Noxious liquid, (11) n.o.s. (ED95 Base, contains Ethyl alcohol) Cat. Z		R	
Noxious liquid, (11) n.o.s. (Etamax UB, contains Ethyl alcohol) Cat. Z		R	
Noxious liquid, (11) n.o.s. (ETHYLOL 78, contains Ethyl alcohol) Cat. Z		R	
Noxious liquid, (11) n.o.s. (ETHYLOL 95, contains Ethyl alcohol) Cat. Z		R	
Noxious liquid, (11) n.o.s. (ETHYLOL 99, contains Ethyl alcohol) Cat. Z		R	
Noxious liquid, (11) n.o.s. (ISO-PROPYLOL, contains Isopropyl alcohol) Cat. Z		R	
Noxious liquid, (11) n.o.s. (MOSSTANOL L, contains Ethyl alcohol) Cat. Z		R	1A
Noxious liquid, (11) n.o.s. (SCALETREAT 8031D, contains L-Aspartic acid, homopolymer, sodium salt (aqueous solution) ST2, Cat. Z		R	
Noxious liquid, (11) n.o.s. (SCALETREAT ST12595, contains Maleic acid/allyl sulfonic acid copolymer with phosphonate groups, partial sodium salt (aqueous solution)) ST2, Cat. Z		NR	
Noxious Liquid, F, (6) n.o.s. (H.B.R. (Volatile Oil), contains Cyclopentane) ST2, Cat. Y		R	
Noxious Liquid, F, (6) n.o.s. (LI 200, contains White Spirit, low (15-20%) aromatic) ST2, Cat. Y		R	
Noxious Liquid, F, (6) n.o.s. (LIAV 75, contains Hexane (all isomers)) ST2, Cat. Y		R	
Noxious Liquid, F, (6) n.o.s. (MOSSTANOL P, contains Cyclopentanol) ST2, Cat. Y		R	
Noxious Liquid, F, (6) n.o.s. (NESSOL 40, contains White Spirit, low (15-20%) aromatic) ST2, Cat. Y		R	
Noxious Liquid, F, (6) n.o.s. (Xylenes Concentrates, contains Ethylbenzene) ST2, Cat. Y		R	
Noxious liquid, F, (10) n.o.s. (.....) ST3, Cat. Z		NT/FS	
Noxious liquid, F, (10) n.o.s. (Additive ED95 102, contains Methyl tert-butyl ether) ST3, Cat. Z		R	
Noxious liquid, F, (10) n.o.s. (DenatMix, contains Methyl tert-butyl ether) ST3, Cat. Z		R	
Noxious liquid, F, (10) n.o.s. (Etamax D, contains Methyl tert-butyl ether) ST3, Cat. Z		R	
Noxious liquid, F, (2) n.o.s. (.....) ST1, Cat. X		NT/FS	
Noxious liquid, F, (4) n.o.s. (.....) ST2, Cat. X		NT/FS	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Noxious liquid, F, (4) n.o.s. (C9/C10 AROMATICS, contains Trimethylbenzene (all isomers)) ST2, Cat. X		R	
Noxious liquid, F, (4) n.o.s. (Epikote TN 1001-X-75, contains Diphenol propane epichlorohydrin resins) ST2, Cat. X		R	
Noxious liquid, F, (4) n.o.s. (Exxsol DSP 100/140, contains Alkanes (C6-C9)) ST2, Cat. X (Old Classification)		R	
Noxious liquid, F, (4) n.o.s. (Exxsol DSP 145/160, contains Alkanes (C6-C9)) ST2, Cat. X		R	
Noxious liquid, F, (4) n.o.s. (Exxsol DSP 60/95 S, contains Alkanes (C6-C9)) ST2, Cat. X		R	
Noxious liquid, F, (4) n.o.s. (Exxsol DSP 60/95 SH, contains Alkanes (C6-C9)) ST2, Cat. X		R	
Noxious liquid, F, (4) n.o.s. (LIAV 110, contains Heptane (all isomers)) ST2, Cat. X		R	
Noxious liquid, F, (4) n.o.s. (NEXTAME, contains Olefin mixtures (c5-C15)) ST2, Cat. X		NT/FS	
Noxious liquid, F, (4) n.o.s. (RM 50132, contains Propylene tetramer) ST2, Cat. X		R	
Noxious liquid, F, (4) n.o.s. (RM 50141, contains Propylene tetramer) ST2, Cat. X		R	
Noxious liquid, F, (4) n.o.s. (RM 50142, contains Propylene tetramer) ST2, Cat. X		R	
Noxious liquid, F, (4) n.o.s. (RM 50440, contains Propylene tetramer) ST2, Cat. X		R	
Noxious Liquid, F, (6) n.o.s. (.....) ST2, Cat. Y		NT/FS	
Noxious Liquid, F, (6) n.o.s. (BE 95 SE, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, F, (6) n.o.s. (Refinery MTBE, contains Methyl tert-butyl ether) ST2, Cat. Y		R	
Noxious liquid, F, (6) n.o.s. (SOLGAD 100, contains Alkyl (C3-C4) benzenes) ST2, Cat. Y		R	
Noxious liquid, F, (8) n.o.s. (.....) ST3, Cat. Y		NT/FS	
Noxious liquid, F, (8) n.o.s. (Alcoline, contains Mineral oil) ST3, Cat. Y		R	
Noxious liquid, F, (8) n.o.s. (Articscreen bio, contains Ethyl Alcohol) ST3, Cat. Y		R	
Noxious liquid, F, (8) n.o.s. (CELANESE MAM BLEND, contains Dodecyl alcohol) ST3, Cat. Y		R	
Noxious liquid, F, (8) n.o.s. (EPF S20, contains Alkanes (C6-C9)) ST3, Cat. Y		R	
Noxious liquid, F, (8) n.o.s. (Etamax B(s), contains Mineral Oil) ST3, Cat. Y		R	
Noxious liquid, F, (8) n.o.s. (Etamax B(w), contains Mineral Oil) ST3, Cat. Y		R	
Noxious liquid, F, (8) n.o.s. (Frostschutz, contains Ethylene Glycol) ST3, Cat. Y		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Noxious liquid, F, (8) n.o.s. (HYDROTREATED C5 (HTC5), contains Pentane (all isomers)) ST3, Cat. Y		R	
Noxious liquid, F, (8) n.o.s. (LI 36, contains Pentane (all isomers)) ST3, Cat. Y		R	
Noxious liquid, F, (8) n.o.s. (LIAV 200, contains Iso-and cyclo-alkanes (C10-C11)) ST3, Cat. Y		R	
Noxious liquid, F, (8) n.o.s. (MOSSPEN 10, contains Pentane (all isomers)) ST3, Cat. Y		R	
Noxious liquid, F, (8) n.o.s. (MOSSTANOL 120, contains n-Propyl alcohol) ST3, Cat. Y		R	
Noxious liquid, F, (8) n.o.s. (NESSOL D40, contains Iso-and cyclo-alkanes (C10-C11)) ST3, Cat. Y		R	
Noxious liquid, F, (8) n.o.s. (PROP BH, contains n-Propyl alcohol) ST3, Cat. Y		R	
Noxious liquid, F, (8) n.o.s. (SABUTOL, contains n-Propyl alcohol) ST3, Cat. Y		R	
Noxious liquid, F,(4) n.o.s. (SBP 60-95, contains Hexane (all isomers)) ST2, Cat. X		R	
Noxious Liquid, NF, (7) n.o.s. (OrePrep F-597 Frother, contains 1,6-Hexanediol distillation) ST2, Cat. Y		R	
Noxious liquid, NF, (1) n.o.s. (.....) ST1, Cat. X		NT/FS	
Noxious liquid, NF, (1) n.o.s. (HAN 8572, contains Poly(2+)cyclic aromatics) ST1, Cat. X		R	
Noxious liquid, NF, (3) n.o.s. (.....) ST2, Cat. X		NT/FS	
Noxious liquid, NF, (3) n.o.s. (Dibasic esters, contains Dimethyl adipate) ST2, Cat. X		R	
Noxious liquid, NF, (3) n.o.s. (Escaid 100, contains Alkyl (C5-C8) benzenes) ST2, Cat. X		R	
Noxious liquid, NF, (3) n.o.s. (Exxsol D 30, contains Alkanes (C6-C9)) ST2, Cat. X		R	
Noxious liquid, NF, (3) n.o.s. (HAN 8070, contains Alkyl (C5-C8) benzenes) ST2, Cat. X		R	
Noxious liquid, NF, (3) n.o.s. (Linevol 911, contains Undecyl alcohol) ST2, Cat. X		R	
Noxious liquid, NF, (3) n.o.s. (Neodol 135, contains Undecyl alcohol) ST2, Cat. X		R	
Noxious liquid, NF, (3) n.o.s. (Neodol 145, contains Undecyl alcohol) ST2, Cat. X		R	
Noxious liquid, NF, (3) n.o.s. (Neodol 91, contains Undecyl alcohol) ST2, Cat. X		R	
Noxious liquid, NF, (3) n.o.s. (Petrinex T9, contains Napthalene) ST2, Cat. X		R	
Noxious liquid, NF, (3) n.o.s. (SOLGAD 150, contains Alkyl (C5-C8) benzenes) ST2, Cat. X		R	
Noxious liquid, NF, (3) n.o.s. (SOLGAD 150ULN, contains Alkyl (C3-C4) benzenes) ST2, Cat. X		R	
Noxious liquid, NF, (3) n.o.s. (SOLGAD 200, contains Methyl naphtalene (molten)) ST2, Cat. X		NR	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Noxious liquid, NF, (3) n.o.s. (SOLGAD 200ULN, contains Methyl naphalene (molten)) ST2, Cat. X		NR	
Noxious liquid, NF, (3) n.o.s. (Varsol 30, contains Alkanes (C6-C9)) ST2, Cat. X		R	
Noxious liquid, NF, (3) n.o.s. (Varsol 60 contains Alkyl (C5-C8) benzenes) ST2, Cat. X		R	
Noxious liquid, NF, (3) n.o.s. (Varsol 80 contains Alkyl (C5-C8) benzenes) ST2, Cat. X		R	
Noxious liquid, NF, (5) n.o.s. (.....) ST2, Cat. Y		NT/FS	
Noxious liquid, NF, (5) n.o.s. (AC 8330, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (ALFOL 610 ADE ALCOHOL, contains Decyl alcohol (all Isomers)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Anglamol 99, contains Oleylamine) ST2, Cat. Y		R	1A
Noxious liquid, NF, (5) n.o.s. (B121212, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (B131717, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (BAR 490, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (BOC 6654, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Butoxypolyglycol Basic, contains Poly(2-8) Alkylene Glycol Monoalkyl (C1-C6) Ether Acetate) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (ECOROL 24, contains Dodecyl alcohol) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Exxal 10 Alcohol, contains Decyl Alcohol (all isomers)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Exxal 12 Alcohol, contains Undecyl Alcohol) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Exxal 13 Alcohol, contains Alcohols (C13+)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Exxal 8 Alcohol, contains Octanol (all isomers)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Exxal 9 Alcohol, contains Nonyl alcohol) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Exxal L9 Alcohol, contains Nonyl alcohol (all isomers)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Exxsol D 40, contains Alkanes (C6-C9)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Glissopal 1000, contains Mineral Oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Glissopal 2300, contains Mineral Oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Hexene Dimate, contains Nonene all isomers) ST2, Cat. Y		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Noxious liquid, NF, (5) n.o.s. (HITEC 6561, contains Dodecene (all isomers)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (HITEC 9345B, contains Mineral oil) ST2, Cat. Y		NT/FS	
Noxious liquid, NF, (5) n.o.s. (HITEC 9345T, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (HITEC 9750, contains Polyolefin amide alkeneamine borate (C28-C250)) ST2, Cat. Y		NR	
Noxious liquid, NF, (5) n.o.s. (Infineum D1284, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum D1288, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum D1294, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum D1640, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum D1642, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum D1688, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum D3348, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum D3354, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum D3356, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum D3424, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum D3426, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum D3434, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum M7071, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum M7081A, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum M7089, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum M7090, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum P5066, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum P5151, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum P5212, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum P5314, contains Mineral oil) ST2, Cat. Y		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Noxious liquid, NF, (5) n.o.s. (Infineum P5315, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum P5318, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum P5320, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum P5335, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum P5601, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum P6212, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum P6213, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Infineum P6216, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (KALCOL 1260, contains Dodecyl alcohol) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (KALCOL 2465, contains Dodecyl alcohol) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (KALCOL 2470, contains Dodecyl alcohol) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (LI 220 HF, contains White Spirit, low (15-20%) aromatic) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Linevol 711, contains Undecyl alcohol) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Linevol 79, contains Nonyl alcohol (all isomers)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (LUBAD 1078, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (LUBAD 1397, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubad 1427, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 16008, contains Mineral Oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 16010, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 16010J, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 16011L, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 16012, contains Alkenyl (C11+) amide) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 17001, contains Alkenyl (C11+) amide) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 19010, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 20003K, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Noxious liquid, NF, (5) n.o.s. (Lubrizol 20015, contains Alkenyl (C11+) amide) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 21021, contains Alkenyl (C11+) amide) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 3589A, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 3589C, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 3589D, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 3700D, contains Alkenyl (C11+) amide) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 48007, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 4800R, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 4952R, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 4980A, contains Mineral Oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 4981JD, contains Mineral Oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 4981XA, contains Mineral Oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 6950J, contains Alkenyl (C11+) amide) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 70103, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 70106, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 70128, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 70135, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 70140, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 70142, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 70175, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 71024, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 74090, contains Alkenyl (C11+) amide) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 74191, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 74262, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 74900, contains Mineral oil) ST2, Cat. Y		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Noxious liquid, NF, (5) n.o.s. (Lubrizol 76103, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 76460, contains Alkenyl (C11+) amide) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 76892, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 78015, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 78040, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 79023, contains Calcium alkyl phenate sulphide (C8-C40)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 79522, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 8687, contains Mineral Oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 8687S, contains Mineral Oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 9220, contains Mineral Oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 9222K, contains Calcium long chain alkyl phenate sulphide (C8-C40)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 9245, contains Calcium alkyl phenate sulphide (C8-C40)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 9297, contains Calcium alkyl phenate sulphide (C8-C40)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 9297J, contains Calcium long chain alkyl phenate sulphide (C8-C40)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 9692A, contains Zinc alkaryl dithiophosphate (C7-C16)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 9827R, contains Alkenyl (C11+) amide) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 9915A, contains Zinc alkaryl dithiophosphate (C7-C16)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol 9990A, contains Mineral Oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Lubrizol A99, contains Oleylamine) ST2, Cat. Y		NR	
Noxious liquid, NF, (5) n.o.s. (Lubrizol PV1127, contains Alkenyl (C11+) amide) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Neodol 23, contains Alcohols (C13+)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Neodol 24, contains Dodecyl alcohol) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Neodol 245, contains Alcohols (C13+)) ST2, Cat. Y		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Noxious liquid, NF, (5) n.o.s. (Neodol 25, contains Dodecyl alcohol) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Neodol 79, contains Nonyl alcohol (all isomers)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (NESSOL 60, contains White Spirit, low (15-20%) aromatic) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (NEXBASE [®] 2002, contains Polyolefin (mw +300)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (NEXBASE [®] 2004, contains Polyolefin (mw +300)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (NEXBASE [®] 2006, contains Polyolefin (mw +300)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (NEXBASE [®] 2008, contains Polyolefin (mw +300)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (NEXBASE [®] 3020, contains Iso-and cyclo-alkanes (C12+)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (NEXBASE [®] 3030, contains Iso-and cyclo-alkanes (C12+)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (NEXBASE [®] 3043, contains Iso-and cyclo-alkanes (C12+)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (NEXBASE [®] 3050, contains Iso-and cyclo-alkanes (C12+)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (NEXBASE [®] 3060, contains Iso-and cyclo-alkanes (C12+)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (NEXBASE [®] 3080, contains Iso-and cyclo-alkanes (C12+)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Octimise G2003, contains Solvent naphta) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Octimise G2048, contains Alkyl (C3-C4) benzenes) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 15500, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 1571, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 219M, contains Calcium long chain alkyl phenate sulfide (C8-C40)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 219U, contains Calcium long chain alkyl phenate sulfide (C8-C40)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 275JD, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 48019, contains Zinc alkyl dithiophosphate (C3-C14)) ST2 Cat Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 49812, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 49813, contains Mineral oil) ST2, Cat. Y		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Noxious liquid, NF, (5) n.o.s. (OLOA 49814, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 49816, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 50904, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 59015, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 59023A, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 59707, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 59722, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 59723, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 6814, contains Calcium long chain alkyl phenate sulfide (C8-C40)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 760, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 760AJ, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 760S, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 8827, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 8827K, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 9842, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (OLOA 99470, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Polyoxyalkylene Polyol Blend, contains Propoxylated Polyols) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Product 70230, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (R097671A, contains Alkenyl (C11+) amide) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (RM 100D, contains Polyolefin amide alkeneamine (C17+)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (RM 163D, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (SA 266, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (SA 453, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (SA 464, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Noxious liquid, NF, (5) n.o.s. (Solvesso 100, contains Alkyl (C3-C4) benzenes) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (SpectraSyn2C, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (STOCK 22012, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (Used Cooking Oil of Vegetable Origin, contains Triglycerides of fatty acids, chain length (C6-C24)) ST2, Cat. Y	65.0°C	R	3
Noxious liquid, NF, (5) n.o.s. (Varsol 40, contains Alkyl (C3-C4) benzenes) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (WAXTREAT 3553, contains Alkyl (C3-C4) benzenes) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (YA 266, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (YA 453, contains Mineral oil) ST2, Cat. Y		R	
Noxious liquid, NF, (5) n.o.s. (YA 464, contains Zinc alkyl dithiophosphate (C3-C14)) ST2, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (.....) ST3, Cat. Y		NT/FS	
Noxious liquid, NF, (7) n.o.s. (ASH 1925, contains Iso- and cyclo-alkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (ASH 2636, contains Iso- and cyclo-alkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (ASH-H, contains Iso- and cyclo-alkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (ASH-M, contains Iso- and cyclo-alkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (CF 2000, contains Iso- and cycloalkanes (C10-C11)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (CF 2100, contains Iso- and cycloalkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (CFX 2000, contains Iso- and cycloalkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (CFX 2100, contains Iso- and cycloalkanes (C10-C11)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (EC6475A, contains Diethylenetriamine pentaacetic acid, pentapotassium salt (40% solution)) ST3, Cat. Y		NT/FS	
Noxious liquid, NF, (7) n.o.s. (EC6660A, contains Diethylenetriamine pentamethylene phosphonic acid, pentasodium salt solution) ST3, Cat. Y		NT/FS	
Noxious liquid, NF, (7) n.o.s. (Escaid 110 Special Fluid, contains Iso- & cycloalkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Escaid 110, contains Iso- and cycloalkanes (C12+)) ST3, Cat. Y		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Noxious liquid, NF, (7) n.o.s. (Escaid 120, contains Iso- & cycloalkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Escaid 120ULA (H), contains Iso- & cycloalkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Escaid 120ULA, contains Iso- & cycloalkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Exx-Print M 75 A, contains Iso- and cycloalkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Exx-Print M74 A-S, contains Iso- & cycloalkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Exx-Print M79D, contains Iso- & cycloalkanes (C12+)) ST3, Cat. Y		NT/FS	
Noxious liquid, NF, (7) n.o.s. (Exx-Print T 76 A, contains Iso- and cycloalkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Exx-Print T 82A, contains Iso- and cycloalkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Exxal 7 Alcohol, contains Heptanol (all isomers)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Exxsol D 100 ULA, contains iso- and cyclo- alkanes (C12+) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Exxsol D 100, contains iso- and cyclo- alkanes (C12+) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Exxsol D 130 Fluid, contains Iso- and cyclo-alkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Exxsol D 180/200 SP, contains Iso- and cycloalkanes (C10-C11)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Exxsol D 60, contains Iso- and cycloalkanes (C10-C11)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Exxsol D 80, contains Iso- and cycloalkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Exxsol D110, contains Alkyl (C5-C8) benzenes) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (HDM 10 Base, contains Rapeseed oil) ST3, Cat. Y	65.0°C	R	3
Noxious liquid, NF, (7) n.o.s. (Isopar G, contains Iso- and cycloalkanes (C10-C11)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Isopar H, contains Iso- and cycloalkanes (C10-C11)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Isopar L (E), contains Iso- and cycloalkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (ISOPAR L AP, contains Iso- and cycloalkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Isopar L, contains Iso- and cycloalkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Isopar N, contains Iso- and cycloalkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (KemSweep NLP 5000, contains Iso- and cycloalkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (LIAV 230, contains Iso-and cyclo-alkanes (C10-C11)) ST3, Cat. Y		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Noxious liquid, NF, (7) n.o.s. (LIAV 250, contains Iso-and cyclo-alkanes (C10-C11)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (LIAV 270, contains Iso-and cyclo-alkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (LIAV 300, contains Iso-and cyclo-alkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (MOSSPAR 1925, contains Iso- and cyclo-alkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (MOSSPAR 2636, contains Iso- and cyclo-alkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (MOSSPAR H, contains Iso- and cyclo-alkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (MOSSPAR M, contains Iso- and cyclo-alkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Nappar 10, contains Alkanes (C6-C9)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (NESSOL D100+, contains Iso-and cyclo-alkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (NESSOL D100, contains Iso-and cyclo-alkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (NESSOL D60, contains Iso-and cyclo-alkanes (C10-C11)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (NESSOL D80, contains Iso-and cyclo-alkanes (C10-C11)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (R-50428, contains Ethylene glycol) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (SCAL 16475A, contains Diethylenetriamine pentaacetic acid, pentapotassium salt (40% solution)) ST3, Cat. Y		NT/FS	
Noxious liquid, NF, (7) n.o.s. (SCAL 16660A, contains Diethylenetriamine pentamethylene phosphonic acid, pentasodium salt solution) ST3, Cat. Y		NT/FS	
Noxious liquid, NF, (7) n.o.s. (SELEXOL SOLVENT, contains Polyethylene glycol dimethyl ether) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (SOLTROL 130, contains Iso-and cyclo-alkanes (C10-C11)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Somentor 32 contains Iso- & cyclo-Alkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Somentor 34 contains Iso and cyclo-Alkanes (C12+)) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Varsol 120, contains Alkyl (C5-C8) benzenes) ST3, Cat. Y		R	
Noxious liquid, NF, (7) n.o.s. (Varsol 140, contains Alkyl (C9+) benzenes) ST3, Cat. Y		R	
Noxious liquid, NF, (9) n.o.s. (.....) ST3, Cat. Z		NT/FS	
Noxious liquid, NF, (9) n.o.s. (CAN 17, contains Calcium nitrate, ammonium nitrate) ST3, Cat. Z		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Noxious liquid, NF, (9) n.o.s. (DPAS 160, KEMGUARD 269, contains Maleic anhydride - sodium allylsulfonate copolymer) ST3, Cat. Z		NR	
Noxious liquid, NF, (9) n.o.s. (Exxsol D 140, contains Iso- and cycloalkanes (C12+)) ST3, Cat. Z		R	
Noxious liquid, NF, (9) n.o.s. (Exxsol D 220/230, contains Iso- and cycloalkanes (C12+)) ST3, Cat. Z		R	
Noxious liquid, NF, (9) n.o.s. (Exxsol D120, contains Iso- and cycloalkanes (C12+)) ST3, Cat. Z		R	
Noxious liquid, NF, (9) n.o.s. (Exxsol D60(S), contains Iso- and cycloalkanes (C12+)) ST3, Cat. Z		R	
Noxious liquid, NF, (9) n.o.s. (Exxsol D95, contains iso- & cycloalkanes (C12+)) ST3, Cat. Z		R	
Noxious liquid, NF, (9) n.o.s. (GLYCOL ETHER HE, contains Poly (2-8) alkylene glycol monoalkyl (1-6) ether) ST3, Cat. Z		R	
Noxious liquid, NF, (9) n.o.s. (Isopar M, contains Iso- and cycloalkanes (C12+)) ST3, Cat. Z		R	
Noxious liquid, NF, (9) n.o.s. (PHASETREAT 7623, contains Ethylene glycol monoalkyl ethers) ST3, Cat. Z		R	
Noxious liquid, NF, (9) n.o.s. (SCALETREAT 13850, contains Ethylene glycol) ST3, Cat. Z		R	
Noxious liquid, NF, (9) n.o.s. (SCALETREAT 8241, contains Maleic anhydride-sodium allylsulfonate copolymer (aqueous solution)) ST3, Cat. Z		NR	
Noxious liquid, NF, (9) n.o.s. (SCALETREAT TP 8106, contains Maleic acid/allyl sulfonic acid copolymer with phosphonate groups, parital sodium salt (aqueous solution) ST3, Cat. Z		NR	
Noxious liquid, NF, (9) n.o.s. (SCALETREAT TP 8106A, contains Maleic acid/allyl sulfonic acid copolymer with phosphonate groups, parital sodium salt (aqueous solution) ST3, Cat. Z		NR	
Noxious liquid, NF, (9) n.o.s. (Somentor 32 S, contains Iso- and cycloalkanes (C12+)) ST3, Cat. Z		R	
o- or p-Nitrotoluenes		R	
o-Chloronitrobenzene		R	8
o-Chlorotoluene		R	1A, 4
o-Nitrophenol (molten)		NR	
o-Toluidine		NR	
Octamethylcyclotetrasiloxane		R	1A

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Octane (all isomers)		R	
Octanoic acid (all isomers)		R	2, 4, 8
Octanol (all isomers)		R	
Octene (all isomers)		R	
Octimise G10 contains: Alkyl (C3-C4) benzenes and Napthalene		R	
Octyl aldehydes		NR	
Octyl decyl adipate		R	
Offshore contaminated bulk liquid P*		NT/FS	
Offshore contaminated bulk liquid S*		NT/FS	
Oil, Misc.		R	
Oils-Clarified		R	
Olefin Mixture (C7-C9) C8 rich, stabilised		R	
Olefin mixtures (C5-C15)		R	
Olefin mixtures (C5-C7)		R	
Olefin-Alkyl ester copolymer (molecular weight 2000+)		R	
Olefins (C13+, all isomers)		R	
Oleic acid		R	
Oleic Microalgal Oil	65.0°C	R	
Oleum		NR	
Oleylamine		NR	
Olive oil	60.0°C	R	3
OLOA 4594R contains Alkyl(C18-C28) toluenesulfonic acid, calcium salts, low overbase, zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	
OLOA 4594RS contains Calcium alkaryl sulphonate (C11-C50), zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
OLOA 48014 contains: Calcium long-chain alkyl (C18-C28) salicylate; Zinc alkyl dithiophosphate (C3-C14) and mineral oil		NT/FS	
OLOA 48018 contains: Calcium long-chain alkyl (C18-C28) salicylate and mineral oil		R	
OLOA 49807		R	
OLOA 49822 contains: Calcium long-chain alkyl phenate sulphide (C8-C40) and mineral oil		R	
OLOA 49888 contains: Alkyl(C18-C28) toluenesulfonic acid, calcium salts, high overbase, Calcium long-chain alkyl phenate sulphide (C8-C40) and mineral oil		R	
OLOA 50908 contains Calcium long-chain alkyl salicylate (C13+)		R	
OLOA 54000 contains: Alkyl(C18-C28) toluenesulfonic acid, calcium salts, low overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	
OLOA 54003		R	
OLOA 55501 contains: Alkyl(C18-C28) toluenesulfonic acid, calcium salts, high overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	
OLOA 58000 contains: Alkyl(C18-C28) Toluenesulfonic acid, calcium salts, low overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	
OLOA 59077 contains: Alkyl(C18-C28) toluenesulfonic acid, calcium salts, low overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	
OLOA 59122 contains: Alkyl(C18-C28) toluenesulfonic acid, calcium salts, high overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	
OLOA 59716 contains: Alkyl(C18-C28) toluenesulfonic acid, calcium salts, low overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	
OLOA 59726 contains: Alkyl (C18-C28) toluenesulfonic acid, calcium salts, high overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	
OLOA 59762 contains: Alkyl(C18-C28) toluenesulfonic acid, calcium salts, high overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
OLOA 59766 contains: Alkyl(C18-C28) toluenesulfonic acid, calcium salts, high overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	
OLOA 59928		R	
OLOA 68006 contains: Alkyl(C18-C28) toluenesulfonic acid, calcium salts, high overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	
OLOA 760 J		R	
OLOA 760A contains Alkyl(C18-C28) toluenesulfonic acid, calcium salts, high overbase, calcium long-chain alkyl phenate sulphide (C8-C40) and mineral oil		R	
OLOA 760SA contains Alkyl(C18-C28) toluenesulfonic acid, calcium salts, high overbase, calcium long-chain alkyl phenate sulphide (C8-C40) and mineral oil		R	
OLOA 865G contains Calcium long chain alkyl phenate sulphide (C8-C40)		R	
OLOA 8888 contains: Zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	
OLOA 9252D		R	
OLOA 9790F		R	
OLOA 99470E contains: Alkyl(C18-C28) toluenesulfonic acid, calcium salts, low overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	
OLOA 99480 contains: Alkyl(C18-C28) toluenesulfonic acid, calcium salts, borated, Zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	
OLOA 9999 contains Alkyl(C18-C28) toluenesulfonic acid, calcium salts, low overbase, zinc alkyl dithiophosphate (C3-C14) and mineral oil		R	
Orange juice (concentrated)		R	
Orange juice (not concentrated)		R	
Organomolybdenum amide		R	
Oxygenated aliphatic hydrocarbon mixture		R	
p-Chlorotoluene		R	1A, 4

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
p-Cymene		R	
Palm acid oil	65.0°C	R	3
Palm fatty acid distillate	65.0°C	R	3
Palm kernel acid oil	65.0°C	R	3
Palm kernel fatty acid distillate	65.0°C	R	3
Palm kernel oil	65.0°C	R	3
Palm kernel olein	65.0°C	R	3
Palm kernel stearin	70.0°C	R	3
Palm mid-fraction	65.0°C	R	3
Palm oil	65.0°C	R	3
Palm oil fatty acid methyl ester	65.0°C	R	
Palm olein	65.0°C	R	3
Palm stearin	70.0°C	R	3
Parachlorobenzotrifluoride		NR	
Paraffin wax	85.0°C	R	
Paraffin wax, highly-refined	85.0°C	NT/FS	
Paraffin wax, semi-refined	70.0°C	NT/FS	
Paraldehyde		NR	
Paraldehyde-ammonia reaction product		NR	
Paraset 29H contains Alkyl (C5-C8) benzenes and Poly(2+)cyclic aromatics		R	
Paraset 32S contains Alkyl (C9+) benzenes and Poly(2+)cyclic aromatics		R	
Penetrating Oil		R	
Pentachloroethane		R	4
Pentaethylenehexamine		NR	
Pentane (all isomers)		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Pentanoic acid		NR	
Pentene (all isomers)		R	
Pentylol contains N-Amyl alcohol and sec-Amyl alcohol		R	
Pentylol contains N-Amyl alcohol and sec-Amyl alcohol		R	
Perchloroethylene		R	1A, 4
Petrolatum	70.0°C	R	
Petroleum Wax		NT/FS	
Phenol		NR	
Phosphate esters, alkyl (C12-C14) amine		NR	
Phosphoric acid		NR	
Phosphorus containing polyamine acid		R	11
Phosphorus, yellow or white		NR	
Phthalic anhydride (molten)		NR	
Pilot 140 contains Alkyl (C9+) benzenes and Poly(2+)cyclic aromatics		R	
Pilot 150H contains Alkyl (C9+) benzenes and Poly(2+)cyclic aromatics		R	
Pine oil		R	
Piperazine, 68% solution		R	
Plasticizer 32567 contains: Bis-(2-ethylhexyl) Terephthalate		R	
Poly(2+)cyclic aromatics		R	
Poly(2-8)alkylene glycol monoalkyl (C1-C6) ether acetate		R	
Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether		R	1A, 4
Poly(20)oxyethylene sorbitan monooleate		R	
Poly(4+)isobutylene	70.0°C	R	
Poly(4+)isobutylene (MW>224)	70.0°C	R	
Poly(5+)propylene	70.0°C	R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Poly(ethylene glycol) methylbutenyl ether (MW>1000)		R	
Poly(iminoethylene)-graft-N-poly(ethyleneoxy) solution (90% or less)		NR	
Polyacrylic acid solution (40% or less)		NR	
Polyalkyl (C10-C18) methacrylate/ethylene-propylene copolymer mixture		R	
Polyalkyl (C10-C20) methacrylate		R	
Polyalkyl (C18-C22) acrylate in xylene		R	
Polyalkylalkenaminesuccinimide, molybdenum oxysulphide		NT/FS	
Polyaluminium chloride solution		R	11
Polybutene	70.0°C	R	
Polybutenyl succinimide		R	
Polyether (molecular weight 1350+)		R	
Polyether (molecular weight 2000+)		R	
Polyethylene glycol		R	
Polyethylene glycol dimethyl ether		R	
Polyethylene polyamines		NR	
Polyethylene polyamines (more than 50% C5-C20 paraffin oil)		NR	
Polyferric sulphate solution		NR	
Polyglycerin, sodium salt solution (containing less than 3% sodium hydroxide)		R	2
Polyisobutenamine in aliphatic (C10-C14) solvent		NR	
Polyisobutenyl anhydride adduct		NT/FS	
Polymethylene polyphenyl isocyanate		R	
Polyolefin (molecular weight 300+)		R	
Polyolefin amide alkeneamine (C17+)		NR	
Polyolefin amide alkeneamine borate (C28-C250)		NR	
Polyolefin amide alkeneamine polyol		NR	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Polyolefin aminoester salts (molecular weight 2000+)		NR	
Polyolefin anhydride		R	
Polyolefin ester (C28-C250)		R	
Polyolefin phenolic amine (C28-C250)		NR	
Polyolefin phosphorosulphide, barium derivative (C28-C250)		NT/FS	
Polyolefinamine (C28-C250)		NR	
Polyolefinamine in alkyl (C2-C4) benzenes		NR	
Polyolefinamine in aromatic solvent		NR	
Polypropylene glycol		R	
Polysiloxane		R	
Potassium chloride solution		R	
Potassium chloride solution (less than 26%)		R	
Potassium formate solutions		R	
Potassium hydroxide solution		R	20
Potassium oleate		R	
Potassium thiosulphate (50% or less)		R	
Propionaldehyde		NR	
Propionic acid		NR	
Propionic anhydride		NR	
Propionitrile		R	4
Propylbenzene (all isomers)		R	
Propylene carbonate		R	4
Propylene glycol		R	
Propylene glycol methyl ether acetate		R	
Propylene glycol monoalkyl ether		R	

Jotun Product Resistance List

Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Propylene glycol phenyl ether		R	1A
Propylene oxide		NR	
Propylene tetramer		R	
Propylene trimer		R	
Pyridine		R	2, 8
Pyrolysis gasoline (containing benzene)		R	
Rape seed oil fatty acid methyl esters	65.0°C	R	
Rapeseed oil	65.0°C	R	3
Rapeseed oil (low erucic acid containing less than 4% free fatty acids)	65.0°C	R	3
RAW C5 contains: 1,3-Cyclopentadiene and Isoprene		R	
RBHC (ExxonMobil) contains: Heptane and benzene		R	
Residual Fuel Oil		R	
Residues/Distillates (petroleum), hydrocracked		R	8
Resin oil, distilled		R	
Rice bran oil	60.0°C	R	3
Road Oil		R	
Rosin		R	
S-Ethyl dipropylthiocarbamate		R	8
Safflower oil	60.0°C	R	3
Salt of Polyamino carboxylic acid		R	11
SCALETREAT TP 8385 contains: Ethylene Glycol		R	
sec-Amyl alcohol		R	
sec-Butyl alcohol		R	
Shale Oil	90.0°C	R	
Shea butter	60.0°C	R	3

Jotun Product Resistance List

Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
SI-4113 contains: Propylene glycol		R	
SME B99		R	
Sodium acetate solutions		R	
Sodium alkyl (C14-C17) sulphonates (60-65% solution)		R	
Sodium Aluminate Solution		R	1A
Sodium aluminosilicate slurry		R	
Sodium benzoate		R	
Sodium bicarbonate solution (less than 10%)		R	
Sodium borohydride (15% or less)/Sodium hydroxide solution		R	
Sodium bromide solution (less than 50%)		R	
Sodium carbonate solution		R	
Sodium chlorate solution (50% or less)		NR	
Sodium dichromate solution (70% or less)		NR	
Sodium hydrogen sulphide (6% or less)/Sodium carbonate (3% or less) solution		R	
Sodium hydrogen sulphite solution (45% or less)		R	
Sodium hydrosulphide solution (45% or less)		R	
Sodium hydrosulphide/Ammonium sulphide solution		R	
Sodium hydroxide solution		R	20
Sodium hypochlorite solution (15% or less)		NR	
Sodium methylate 21-30% in methanol		NR	
Sodium nitrite solution		R	
Sodium petroleum sulphonate		R	
Sodium poly(4+)acrylate solutions		R	
Sodium silicate solution		R	
Sodium sulphate solutions		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Sodium sulphide solution (15% or less)		R	
Sodium sulphite solution (25% or less)		R	
Sodium thiocyanate solution (56% or less)		R	
Solvent Naphtha		R	
Solvesso 150 contains: Naphthalene		R	
Solvesso 150 ND contains: Alkyl (C3-C11) benzenes		R	
Solvesso 200 contains: Naphthalene		R	
Solvesso 200 ND contains: Alkyl naphthalenes		R	
Sorbitol solution		R	
Soyabean oil	65.0°C	R	3
Soybean Oil Fatty Acid Methyl Ester	65.0°C	R	
Spindle Oil		R	
Straight Run Distillates N.O.S.		R	
Styrene monomer		R	
Sulphohydrocarbon (C3-C88)		R	
Sulpholane		R	
Sulphonated polyacrylate solution		R	
Sulphur (molten)		NR	
Sulphuric acid		NR	
Sulphuric acid, spent		NR	
Sulphurized fat (C14-C20)		R	
Sulphurized polyolefinamide alkene (C28-C250) amine		NR	
Sunflower seed oil	60.0°C	R	3
SURFOM CS 5015 contains: Ethoxylated Tallow Amine		NR	
Tall oil fatty acid (resin acids less than 20%)	70.0°C	R	3

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Tall oil pitch	70.0°C	R	3
Tall oil soap, crude	65.0°C	R	3
Tall oil, crude	70.0°C	R	3
Tall oil, distilled	70.0°C	R	3
Tallow	65.0°C	R	3
Tallow fatty acid	65.0°C	R	3
tert-Amyl alcohol		R	
tert-Amyl ethyl ether		R	
tert-Amyl methyl ether		R	
tert-Butyl alcohol		R	
tert-Dodecanethiol		R	1A
Tetrachloroethane		R	1A, 4
Tetraethyl silicate monomer/oligomer (20% in ethanol)		R	
Tetraethylene glycol		R	
Tetraethylene pentamine		NR	
Tetrahydrofuran		R	16
Tetrahydronaphthalene		R	
Tetramethylbenzene (all isomers)		R	
Titanium dioxide slurry		R	
Toluene		R	
Toluene diisocyanate		R	
Toluenediamine		NR	
Transformer Oil		R	
Tributyl phosphate		R	4
Trichloroethylene		R	1B, 4

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Tricresyl phosphate (containing 1% or more ortho-isomer)		R	4
Tricresyl phosphate (containing less than 1% ortho-isomer)		R	4
Tricyanohexane		R	
Tridecane	70.0°C	R	
Tridecanoic acid		R	
Tridecyl acetate		R	4
Triethanolamine		R	4
Triethyl phosphate		R	4
Triethyl phosphite		NR	
Triethylamine		NR	
Triethylbenzene		R	
Triethylene glycol	60.0°C	R	
Triethylenetetramine		NR	
Triisopropanolamine		R	4
Triisopropylated phenyl phosphates		R	
Trimethylacetic acid		NR	
Trimethylamine solution (30% or less)		NR	
Trimethylbenzene (all isomers)		R	
Trimethylol propane propoxylated		R	
Tripropylene glycol		R	
Trixylyl phosphate		R	4
Tung oil	60.0°C	R	3
Turbine Oil		R	
Turpentine		R	
Ucarsol contains: Piperazine, 68% solution		R	

Jotun Product Resistance List
Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
Ultra Low Sulphur Diesel <10ppm	60.0°C	R	
Ultra Low Sulphur Motor Spirit		R	
Undecanoic acid		R	1A
Undecyl alcohol		R	
Urea formaldehyde resin solution		R	
Urea solution		R	
Urea/Ammonium nitrate solution		R	
Urea/Ammonium nitrate solution (containing less than 1% free ammonia)		R	
Urea/Ammonium phosphate solution		R	
Used Cooking Oil (m)	70.0°C	R	3
Used cooking oil (Triglycerides, C16-C18 and C18 unsaturated)* (m)	65.0°C	R	3
Vacuum Gas Oil	90.0°C	R	
Valeraldehyde (all isomers)		NR	
VALUE CA contains: Cresols (all isomers) - Old Classification		NR	
Vegetable acid oils (m)	65.0°C	R	3
Vegetable fatty acid distillates (m)	65.0°C	R	3
Vegetable oil mixtures, containing less than 15% free fatty acid (m)	65.0°C	R	3
Vegetable protein solution (hydrolysed)		R	
Vertical Ethanol gasoline blends		R	1A
Vertiscreen 052R contains: Ethyl alcohol		R	
Vinyl acetate		R	4, 19
Vinyl ethyl ether		R	1A
Vinyl neodecanoate		R	4
Vinylidene chloride		R	1A, 4
Vinyltoluene		R	

Jotun Product Resistance List

Date: 2020.01.30

Tankguard Flexline

IBC Code: IBC Names Only

Product	Max Temp.	Resistance	Note(s)
VX 8925 contains: Napthalene and Alkyl (C5-C8) Benzenes		R	
Waksol 911 A contains: n-Alkanes (C9-C11) and paraffin wax	85.0°C	R	
Waksol 911 B contains: n-Alkanes (C9-C11) and paraffin wax	85.0°C	R	
Water		R	
Waxes	70.0°C	R	
White spirit, low (15-20%) aromatic		R	
Wood lignin with sodium acetate/oxalate		NT/FS	
Xylenes		R	
Xylenes/ethylbenzene (10% or more) mixture		R	
Xylenol		NR	
Zinc alkaryl dithiophosphate (C7-C16)		R	
Zinc alkenyl carboxamide		R	
Zinc alkyl dithiophosphate (C3-C14)		R	