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ELASTOMER/CHEMICAL COMPATABILITY CHART

Material Key	Temperature Range			
	Fahrenheit		Celsius	
	Min	Max	Min	Max
N = Nitrile (BUNA N)	-30	to 225	-34	to 107
E = Ethylene Propylene	-70	to 275/400	-57	to 135/205
V = Fluorocarbon	-15	to 400/450	-26	to 205/232
C = Neoprene (Chloroprene)	-35	to 225/250	-37	to 107/120
G = SBR	-70	to 225	-57	to 107
A = Polyacrylate	-5	to 350	-20	to 177
P = Polyurethane	-40	to 180	-40	to 82
B = Butyl	-75	to 250	-59	to 120
D = Butadiene	-75	to 250	-59	to 120
I = Isoprene	-67	to 176	-55	to 80
R = Natural Rubber	-40	to 180	-40	to 82
H = Hypalon	-31	to 284	-35	to 140
L = Fluorosilicone	-100	to 350	-73	to 177
S = Silicone	-85	to 428	-65	to 220

KEY

- A = Satisfactory
- B = Fair (usually ok for static seal)
- C = Doubtful (sometimes ok for static seal)
- D = Unsatisfactory
- X = Insufficient Data

	Elastomer Type													
	Dynamic and static										Static Only			
	N	E	V	C	G	A	P	B	D	I	R	H	L	S
Acetaldehyde	C	B	D	C	C	D	D	B	B	B	B	C	D	B
Acetamide	A	A	C	A	D	D	D	B	D	D	D	B	A	B
Acetic Acid, Glacial	B	B	D	D	B	D	D	B	B	B	B	C	D	B
Acetic Acid, Hot, High Press	D	C	D	D	D	D	D	D	D	D	D	C	D	C
Acetic Acid, 5%	B	A	A	A	B	D	D	A	B	B	B	A	B	A
Acetic Anhydride	D	B	D	B	B	D	D	B	B	B	B	B	D	B
Acetone	D	A	D	D	D	D	D	A	D	D	D	C	D	D
Acetophenone	D	A	D	D	D	D	D	B	D	D	D	D	D	D
Acetyl Acetone	D	A	D	D	D	D	D	A	D	D	D	D	D	D
Acetyl Chloride	D	D	A	D	D	D	D	D	D	D	D	D	A	C
Acetylene	A	A	A	B	B	D	D	A	B	B	B	B	X	B
Acetylene Tetrabromide	D	A	A	B	D	X	D	A	X	X	X	X	X	X
Acrylonitrile	D	D	C	D	C	D	D	D	X	C	C	C	D	D
Aero Lubriplate	A	D	A	A	B	A	A	D	D	D	D	A	A	B
Aerosafe 2300	D	A	D	D	D	D	D	B	D	D	D	D	C	C
Aerosafe 2300W	D	A	D	D	D	D	D	B	D	D	D	D	C	C
Aero Shell IAC	A	D	A	B	D	A	A	D	D	D	D	A	A	B
Aero Shell 7A Grease	B	D	A	B	D	A	A	D	D	D	D	A	A	B
Aero Shell 7G Grease	A	D	A	B	D	A	A	D	D	D	D	A	A	B
Aero Shell 750	B	D	A	D	D	B	D	D	D	D	D	D	B	D
Aerozene 50 (50% Hydrazine 50% UDMH)	C	A	D	D	D	X	D	A	D	D	D	D	D	D
Air, Below 200F	B	A	A	A	B	A	B	A	B	B	B	A	A	A
Air, 200 - 300F	C	B	A	B	D	B	C	B	D	D	D	B	A	A
Air, 300 - 400F	D	D	A	D	D	D	D	D	D	D	D	D	B	A
Air, 400 - 500F	D	D	C	D	D	D	D	D	D	D	D	D	D	B
Atlantic Ultra Gear-EP Lube.	A	D	A	B	D	A	A	D	D	D	D	D	A	D
Alkali Metals														
Alkazene	D	D	B	D	D	D	D	D	D	D	D	D	B	D
Aluminum Acetate	B	A	D	B	B	D	D	A	D	A	A	D	D	D
Aluminum Bromide	A	A	A	A	A	A	C	A	A	A	A	A	A	A
Aluminum Chloride	A	A	A	A	A	A	C	A	A	A	A	A	A	B
Aluminum Fluoride	A	A	A	A	A	X	C	A	A	A	B	A	A	B
Aluminum Nitrate	A	A	A	A	A	X	C	A	A	A	A	A	X	B
Aluminum Salts	A	A	A	A	A	A	C	A	A	A	A	A	A	A
Aluminum Sulphate	A	A	A	A	B	D	D	A	A	A	A	A	A	A
Alums-NH3 -Cr -K	A	A	D	A	A	D	X	A	A	A	A	A	D	A
Ambrex 33 (Mobil)	A	D	A	B	D	A	B	D	D	D	D	C	C	D
Ambrex 830 (Mobil)	A	C	A	B	D	A	A	C	D	D	D	B	A	B
Amines-Mixed	D	B	D	B	B	D	D	B	B	B	B	D	D	B
Ammonia, Gas, Cold	A	A	D	A	A	D	X	A	A	A	A	A	D	A
Ammonia, Gas, Hot	D	B	D	B	D	D	X	B	D	D	D	B	D	X
Ammonia, Liquid (Anhydrous)	B	A	D	A	D	D	D	A	D	D	D	B	D	B
Ammonia and Lithium Metal in Sol.	B	B	D	X	D	D	D	B	D	D	D	D	D	D
Ammonium Carbonate	D	A	A	A	A	D	D	A	X	X	A	A	X	X
Ammonium Chloride, 2N	A	A	A	A	A	X	A	A	X	X	A	A	X	X
Ammonium Hydroxide, 3 Molar	A	A	C	A	B	D	D	A	B	B	B	A	A	A
Ammonium Hydroxide, Concentrated	D	A	D	A	C	D	D	A	C	C	C	A	A	A
Ammonium Nitrate, 2N	A	A	X	A	A	B	X	A	X	X	C	A	X	X
Ammonium Nitrite	A	A	X	A	A	X	X	A	A	A	A	A	X	B
Ammonium Persulfate Solution	D	A	X	X	D	D	D	A	X	A	A	X	X	X
Ammonium Persulfate 10%	D	A	X	A	D	D	D	A	X	A	A	X	X	X
Ammonium Phosphate	A	A	D	A	A	X	X	A	X	A	A	A	X	A
Ammonium Phosphate, Mono-Basic	A	A	X	A	A	X	X	A	X	A	A	A	X	A
Ammonium Phosphate, Dibasic	A	A	X	A	A	X	X	A	X	A	A	A	X	A
Ammonium Phosphate, Tribasic	A	A	X	A	A	X	X	A	X	A	A	A	X	A
Ammonium Salts	A	A	C	A	A	C	X	A	X	A	A	A	C	A
Ammonium Sulfate	A	A	D	A	B	D	X	A	A	A	A	A	X	X
Ammonium Sulfide	A	A	D	A	B	D	X	A	A	A	A	A	X	X
Amyl Acetate	D	C	D	D	D	D	D	C	D	D	D	D	D	D
Amyl Alcohol	B	A	B	B	B	D	D	A	B	B	B	B	A	D
Amyl Borate	A	D	A	A	D	X	X	D	D	D	D	A	X	X
Amyl Chloride	X	D	A	D	D	D	X	D	D	D	D	D	B	D
Amyl Chloronaphthalene	D	D	A	D	D	D	X	D	D	D	D	D	B	D
Amyl Naphthalene	D	D	A	D	D	B	D	D	D	D	D	D	A	D
Anderol, L-774 (di-ester)	B	D	A	D	D	B	D	D	D	D	D	D	B	D
Anderol, L- 826 (di-ester)	B	D	A	D	D	B	D	D	D	D	D	D	B	D
Anderol, L- 829 (di-ester)	B	D	A	D	D	B	D	D	D	D	D	D	B	D
Ang-25 (Glycerol Ester)	B	A	A	B	B	D	D	B	B	B	B	B	B	B
Ang-25 (Di-ester Base) (TG749)	B	D	A	D	D	B	D	D	D	D	D	D	B	B
Anhydrous Ammonia	B	A	D	A	D	D	D	A	D	D	D	D	D	B
Anhydrous Hydrazine	D	B	D	B	A	D	D	B	D	D	D	B	D	X
Anhydrous Hydrogen Fluoride	D	A	D	X	D	D	X	A	D	D	D	X	D	X
Aniline	D	B	C	D	D	D	D	B	D	D	D	D	C	D
Aniline Dyes	D	B	B	B	B	D	D	B	B	B	B	B	B	C
Aniline Hydrochloride	B	B	B	D	C	D	D	B	D	B	B	D	B	C
Aniline Oil	D	B	C	D	D	D	D	B	D	D	D	D	C	D
Animal Oil (Lard Oil)	A	B	A	B	D	A	B	B	D	D	D	B	A	B

AN-O-3 Grade M	A	D	A	B	D	A	A	D	D	D	D	B	A	B
AN-O-6	A	D	A	B	D	A	A	D	D	D	D	B	A	D
An-O-366	A	D	A	B	D	A	A	D	D	D	D	B	A	D
Ansul Ether 161 or 181	C	C	D	D	D	D	B	C	D	D	D	D	C	D
AN-W-O-366b Hydr. Fluid	A	D	A	B	D	B	B	D	D	D	D	B	A	D
Argon	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Aroclor, 1248	C	B	A	D	D	D	D	B	D	D	D	D	B	B
Aroclor, 1254	D	B	A	D	D	D	D	D	D	D	D	D	B	C
Aroclor, 1260	A	X	A	A	A	D	D	A	A	A	A	A	A	A
Aromatic Fuel -50%	B	D	A	D	D	D	D	D	D	D	D	D	B	D
Arsenic Acid	A	A	A	A	A	C	C	A	A	A	B	A	A	A
Askarel	B	D	A	D	D	D	D	D	D	D	D	D	B	D
Asphalt	B	D	A	B	D	B	B	D	D	D	D	B	B	D
ASTM Oil, No.1	A	D	A	A	D	A	A	D	D	D	D	B	A	D
ASTM Oil, No.2	A	D	A	B	D	A	B	D	D	D	D	D	A	D
ASTM Oil, No.3	A	D	A	D	D	A	B	D	D	D	D	D	A	C
ASTM Oil, No.4	B	D	A	D	D	B	D	D	D	D	D	D	B	D
ASTM Reference Fuel A	A	D	A	B	D	B	A	D	D	D	D	B	A	D
ASTM Reference Fuel B	A	D	A	D	D	D	B	D	D	D	D	D	A	D
ASTM Reference Fuel C	B	D	A	D	D	D	D	D	D	D	D	D	B	D
ATL-857	B	D	A	D	D	B	D	D	D	D	D	D	B	D
Atlantic Dominion F	A	D	A	B	D	A	B	D	D	D	D	D	A	D
Aurex 903R (Mobil)	A	D	A	B	D	A	A	D	D	D	B	D	D	D
Automatic Transmission Fluid	A	D	A	B	D	A	B	D	D	D	D	C	X	D
Automotive Brake Fluid	C	A	D	B	A	D	D	B	X	X	X	B	D	C
Bardol B	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Barium Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Barium Hydroxide	A	A	A	A	A	D	A	A	A	A	A	A	A	A
Barium Salts	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Barium Sulfide	A	A	A	A	B	D	A	A	B	A	A	A	A	A
Bayol D	A	D	A	B	D	A	D	D	D	D	D	D	A	D
Bayol35	A	D	A	B	D	A	B	D	D	D	D	D	A	D
Beer	A	A	A	A	A	D	B	A	A	A	A	A	A	A
Beet Sugar Liquors	A	A	A	B	A	D	D	A	A	A	A	A	A	A
Benzaldehyde	D	A	D	D	D	D	D	A	D	D	D	A	D	B
Benzene	D	D	A	D	D	D	D	D	D	D	D	D	C	D
Benzenesulfonic Acid 10%	D	D	A	B	D	D	D	D	D	D	D	A	B	D
Benzine -See Ligroin														
Benzochloride	D	A	A	D	D	D	X	B	D	D	D	D	A	X
Benzoic Acid	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Benzophenone	X	B	A	X	D	D	D	B	D	D	X	X	A	X
Benzyl Alcohol	D	B	A	B	D	D	D	B	D	D	D	D	B	B
Benzyl Benzoate	D	D	A	D	D	D	D	B	D	D	D	D	A	D
Benzyl Chloride	D	D	A	D	D	D	D	D	D	D	D	D	A	D
Black Point 77	A	A	A	C	C	C	C	A	C	C	C	C	C	C
Blast Furnace Gas	D	D	A	D	D	D	D	D	D	D	D	D	B	A
Bleach Liquor	C	A	A	B	C	D	D	A	B	B	C	A	B	B
Borax	B	A	A	D	B	B	A	A	B	B	B	D	B	B
Bordeaux Mixture	B	A	A	B	B	D	D	A	B	B	B	A	B	B
Boric Acid	A	A	A	A	A	D	A	A	A	A	A	A	A	A
Boron Fluids (HEF)	B	D	A	D	D	D	D	D	D	D	D	D	B	D
Brake Fluid, DOT3 (Glycol Type)	C	A	D	B	A	X	D	B	X	X	X	B	D	C
Bray GG-130	B	D	A	D	D	B	D	D	D	D	D	D	B	D
Brayco 719-R (W-H-910)	C	A	D	B	X	D	D	B	B	B	B	B	B	B
Brayco 885 (MIL-L-6085A)	B	D	A	D	D	B	A	D	D	D	D	D	B	D
Brayco 910	B	A	D	B	B	C	C	A	A	A	A	A	D	D
Bret 710	B	A	D	B	B	C	C	A	A	A	A	A	D	D
Brom - 113	C	D	X	D	D	X	X	D	X	X	X	D	X	D
Brom - 114	B	D	B	B	D	X	X	D	D	D	D	B	X	D
Bromine	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Bromine Pentafluoride	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Bromine Trifluoride	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Bromine Water	D	B	A	D	D	D	D	D	D	D	D	A	B	D
Bromobenzene	D	D	A	D	D	D	D	D	D	D	D	D	A	D
Bromochloro Trifluoroethane	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Bunker Oil	A	D	A	D	D	A	B	D	D	D	D	D	A	B
Butadiene (Monomer)	D	D	A	D	D	D	D	D	D	D	D	D	A	D
Butane	A	D	A	A	C	A	A	D	D	D	D	B	C	D
Butane, 2,2-Dimethyl	A	D	A	B	C	A	D	D	D	D	D	B	C	D
Butane, 2,3-Dimethyl	A	D	A	B	C	A	D	D	D	D	D	B	C	D
Butanol (Butyl Alcohol)	A	B	A	A	A	D	D	B	A	A	A	A	A	B
1-Butene, 2-Ethyl	A	D	A	D	D	A	D	D	D	D	D	D	C	D
Butter-Animal Fat	A	A	A	B	D	A	A	B	D	D	D	B	A	B
N-Butyl Acetate	D	B	D	D	D	D	D	B	D	D	D	D	D	D
Butyl Acetyl Ricinoleate	B	A	A	B	D	X	D	A	D	D	D	B	B	X
Butyl Acrylate	D	D	D	D	D	D	X	D	D	D	D	D	D	X
Butyl Alcohol	A	B	A	A	A	D	D	B	A	A	A	A	A	B
Butyl Amine or N-Butyl Amine	C	C	D	D	D	D	D	D	D	D	D	D	D	D
N-Butyl Benzoate	D	A	A	D	B	D	X	A	D	D	D	D	A	X
N-Butyl Butyrate	D	A	A	D	D	D	X	A	D	D	D	D	A	X
Butyl Carbitol	D	A	C	C	D	D	X	A	D	D	D	B	D	D
Butyl Cellosolve	C	B	D	C	D	D	D	B	D	D	D	D	D	X
Butyl Cellosolve Adipate	D	B	B	D	D	D	D	B	D	D	D	D	B	B
Butylene	B	D	A	C	D	D	D	D	D	D	D	D	B	D
N-Butyl Ether	C	C	D	D	D	D	C	C	D	D	D	D	C	D
Butyl Oleate	D	B	A	D	D	X	X	B	D	X	D	D	B	X
Butyl Stearate	B	D	A	D	D	X	X	D	D	D	D	D	B	X
Butyraldehyde	D	B	D	D	D	D	D	B	D	D	D	D	D	D
Butyric Acid	D	B	B	D	D	D	X	B	D	X	X	D	X	X
Calcine Liquors	A	A	A	X	X	D	D	A	X	X	X	X	A	X
Calcium Acetate	B	A	D	B	D	D	D	A	D	A	A	B	D	D
Calcium Bisulfite	B	A	B	B	B	C	C	A	D	D	D	A	C	C
Calcium Carbonate	A	A	A	A	A	C	C	A	A	A	A	A	A	A
Calcium Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Calcium Cyanide	A	A	X	A	A	X	X	A	A	A	A	A	X	A
Calcium Hydroxide	A	A	A	A	A	D	B	A	A	A	A	A	A	A
Calcium Hypochlorite	B	A	A	B	B	D	D	A	B	B	B	A	B	B
Calcium Nitrate	A	A	A	A	A	A	A	A	A	A	A	A	A	B
Calcium Phosphate	A	A	A	B	A	A	A	A	A	A	A	A	X	A
Calcium Salts	A	A	A	A	A	A	A	A	A	A	A	A	A	B
Calcium Silicate	A	A	A	A	A	X	X	A	A	A	A	A	X	X

P-Dichlorobenzene-	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Dichloro-Butane	B	D	A	D	D	D	D	D	D	D	D	D	B	D
Dichloro-Isopropyl Ether	D	C	C	D	D	C	B	D	D	D	D	D	C	D
Dicyclohexylamine	C	D	D	D	D	D	D	D	D	D	D	D	D	X
DieselOil	A	D	A	C	D	A	C	D	D	D	D	D	C	A
Di-ester Lubricant MIL-L-7808	B	D	A	D	D	B	D	D	D	D	D	D	B	D
Di-ester Synthetic Lubricants	B	D	A	D	D	B	D	D	D	D	D	D	B	D
Diethylamine	B	B	D	B	B	D	C	B	B	B	B	C	D	B
Diethyl Ether	D	D	D	C	D	C	A	D	D	D	D	D	C	D
Diethyl Sebacate	B	B	B	D	D	D	D	B	D	D	D	D	B	B
Diethylene Glycol	A	A	A	A	A	B	D	A	A	A	A	A	A	B
Diffluorodibromomethane	D	B	X	D	D	D	D	B	D	D	D	D	X	D
Diisobutylene	B	D	A	D	D	D	D	D	D	D	D	D	C	D
Diisobutyl Ketone	X	A	X	X	X	X	X	A	X	X	X	X	X	X
Diisooctyl Sebacate	C	C	B	D	D	D	D	D	D	D	D	D	C	C
Diisopropyl Ketone	D	A	D	D	D	D	D	A	D	D	D	D	D	D
Dimethyl Formamide (DMF)	B	A	D	C	D	D	D	B	X	X	D	D	D	B
Dimethyl Phthalate	D	B	B	D	D	D	X	B	D	D	D	D	B	X
Dinitro Toluene	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Diocetyl Phthalate	D	B	B	D	D	D	D	B	D	D	D	D	B	C
Diocetyl Sebacate	D	B	B	D	D	D	B	B	D	D	D	D	C	C
Dioxane	D	B	D	D	D	D	D	B	D	D	D	D	D	D
Dioxolane	D	B	D	D	D	D	D	C	D	D	D	D	D	D
Dipentene	B	D	A	D	D	D	D	D	D	D	D	D	C	D
Diphenyl	D	D	A	D	D	D	D	D	D	D	D	D	B	D
DiphenylOxides	D	D	A	D	D	D	D	D	D	D	D	D	B	C
Dow Chemical 50-4	X	A	D	B	A	X	X	B	X	X	X	B	D	X
Dow Chemical ET378	D	X	X	D	D	C	B	D	D	D	D	D	X	D
Dow Chemical ET588	C	A	D	B	A	X	X	B	X	X	X	B	D	X
Dow Corning -3	B	A	A	A	A	A	A	A	A	A	A	A	A	B
Dow Corning -4	B	A	A	A	A	A	A	A	A	A	A	A	A	B
Dow Corning -5	B	A	A	A	A	A	A	A	A	A	A	A	A	B
Dow Corning -1 1	B	A	A	A	A	A	A	A	A	A	A	A	A	B
Dow Corning -33	B	A	A	A	A	A	A	A	A	A	A	A	A	B
Dow Corning -44	B	A	A	A	A	A	A	A	A	A	A	A	A	B
Dow Corning -55	B	A	A	A	A	A	A	A	A	A	A	A	A	B
Dow Corning -200	B	A	A	A	A	A	A	A	A	A	A	A	A	B
Dow Corning -510	B	A	A	A	A	A	A	A	A	A	A	A	A	B
Dow Corning -550	B	A	A	A	A	A	A	A	A	A	A	A	A	B
Dow Corning -704	B	A	A	A	A	A	A	A	A	A	A	A	A	B
Dow Corning -705	B	A	A	A	A	A	A	A	A	A	A	A	A	B
Dow Corning -710	B	A	A	A	A	A	A	A	A	A	A	A	A	B
Dow Corning -1265 Fluorosilicone Fluid	B	A	A	A	A	A	A	A	A	A	A	A	C	A
Dow Guard	A	A	A	A	A	C	C	A	A	A	A	A	A	A
Dowtherm, A	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Dowtherm, E	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Dowtherm, 209	C	A	D	B	X	X	X	B	X	X	X	X	C	C
Drinking Water	A	A	A	B	A	D	D	A	A	A	A	A	A	A
Dry Cleaning Fluids	C	D	A	D	D	D	D	D	D	D	D	D	B	D
DTE named series, Mobil, light-heavy	A	D	A	B	D	X	A	D	D	X	C	A	A	C
DTE 20 Series, Mobil	B	D	A	A	X	B	A	D	X	X	B	B	B	D
Elco 28-EP lubricant	A	D	A	C	D	A	A	D	D	D	D	D	A	B
Epichlorohydrin	D	B	D	D	D	D	D	B	D	D	D	D	D	D
Epoxy Resins	X	A	D	A	X	X	X	A	X	X	X	X	X	X
Esam-6 Fluid	X	A	D	B	A	X	X	B	X	X	X	B	D	X
Esso Fuel 208	A	D	A	B	D	A	D	D	D	D	D	C	A	D
Esso Golden Gasoline	B	D	A	D	D	D	D	D	D	D	D	D	A	D
Esso Motor Oil	A	D	A	C	D	A	D	D	D	D	D	D	A	D
Esso Transmission fluid (Type A)	A	D	A	B	D	A	C	D	D	D	D	D	A	D
Esso W52812 (MIL-L-7808A)	A	D	A	D	D	B	D	D	D	D	D	D	A	D
Esso XP90-EP lubricant	A	D	A	B	D	A	A	D	D	D	D	B	A	D
Esstic 42, 43	A	D	A	B	D	A	B	D	D	D	D	D	A	D
Ethane	A	D	A	B	D	A	C	D	D	D	D	B	C	D
Ethanol	C	A	C	A	A	D	D	A	A	A	A	A	A	B
Ethanol Amine	B	B	D	B	B	D	C	B	B	B	B	C	D	B
Ethers	D	C	C	D	D	C	B	D	D	D	D	D	C	D
Ethyl Acetate-Organic ester	D	B	D	D	D	D	D	B	D	D	D	D	D	B
Ethyl Acetoacetate	D	B	D	D	C	D	D	B	C	C	C	D	D	B
Ethyl Acrylate	D	B	D	D	D	D	D	B	D	D	D	D	D	B
Ethylacrylic Acid	D	B	X	B	D	D	D	B	D	D	D	D	D	D
Ethyl Alcohol	C	A	C	A	A	D	D	A	A	A	A	A	A	B
Ethyl Benzene	D	D	A	D	D	D	D	D	D	D	D	D	A	D
Ethyl Benzoate	D	D	A	D	D	X	D	D	D	D	D	D	A	D
Ethyl Bromide	B	D	A	D	X	X	X	D	D	D	D	D	A	X
Ethyl Cellosolve	D	B	D	D	D	D	D	B	D	D	D	D	D	D
Ethyl Cellulose	B	B	D	B	B	D	B	B	B	B	B	B	D	B
Ethyl Chloride	A	C	A	D	D	C	B	D	B	A	D	D	A	D
Ethyl Chlorocarbonate	D	B	A	D	D	D	D	D	D	D	D	D	B	D
Ethyl Chloroformate	D	B	D	D	D	D	D	C	D	D	D	D	D	D
Ethylcyclopentane	A	D	A	C	D	B	A	D	D	D	D	D	A	D
Ethylene Chloride	D	D	B	D	D	D	D	D	D	D	D	D	B	D
Ethylene Chlorohydrin	D	B	A	B	B	D	D	B	B	B	B	B	B	C
Ethylene Diamine	A	A	D	A	B	D	D	A	B	A	A	B	D	A
Ethylene Dibromide	D	C	A	D	D	D	D	C	D	D	D	D	C	D
Ethylene Dichloride	D	C	A	D	D	D	D	C	D	D	D	D	C	D
Ethyl Ether	C	C	D	D	D	D	B	C	D	D	D	D	C	D
Ethyl Formate	D	B	A	B	D	X	X	B	D	D	D	B	A	X
Ethylene Glycol	A	A	A	A	A	D	B	A	A	A	A	A	A	A
Ethylene Oxide	D	C	D	D	D	D	D	C	D	D	D	D	D	D
Ethylene Oxide, (12%) and Freon 12 (80%)	C	B	D	D	D	D	D	B	D	D	D	D	D	D
Ethylene Trichloride	D	C	A	D	D	D	D	C	D	D	D	D	C	D
Ethyl Hexanol	A	A	A	A	A	D	D	A	A	A	A	A	A	B
Ethyl Mercaptan	D	X	B	C	D	X	X	D	D	D	D	C	X	C
Ethylmorpholene Stannous Octoate (50/50 mixture)	D	B	D	X	D	X	X	B	X	X	X	X	X	X
EthylOxalate	D	A	B	D	D	D	X	D	D	A	D	D	B	D
Ethyl Pentachlorobenzene	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Ethyl Silicate	A	A	A	A	B	X	X	A	B	B	B	B	A	X
F-60 Fluid (Dow Corning)	A	A	A	A	A	A	A	A	A	A	A	A	A	D
F-61 Fluid (Dow Corning)	A	A	A	A	A	A	A	A	A	A	A	A	A	D
Fatty Acids	B	C	A	B	D	X	X	C	D	D	D	B	X	C
FC-43 Heptacosofluorotri-butylamine	A	A	A	A	D	X	X	A	X	X	X	A	A	A

FC75 & FC77 (Fluorocarbon)	A	A	B	A	D	X	X	A	X	X	X	A	B	A
Ferric Chloride	A	A	A	B	A	A	A	A	A	A	A	A	B	A
Ferric Nitrate	A	A	A	A	A	A	A	A	A	A	A	A	A	B
Fisher Reagent	X	B	X	X	X	X	X	X	X	X	X	X	X	X
Fluorolube	A	A	B	A	D	X	X	A	X	X	X	A	B	A
Formaldehyde	C	B	D	C	C	D	D	B	B	B	B	B	D	B
Freon, 11	D	D	B	D	D	D	X	D	X	X	D	A	B	D
Freon, 12	B	C	C	A	A	X	A	C	D	D	B	A	C	D
Freon, 12 and ASTM Oil #2(50/50 Mixture)	B	D	A	C	D	X	X	D	D	D	D	B	B	D
Freon, 12 and Suniso 4G(50/50 Mixture)	B	D	A	C	D	X	X	D	D	D	D	B	B	D
Freon, 13	A	A	A	A	A	X	X	A	X	A	A	A	D	D
Freon, 13B1	A	A	A	A	A	X	X	A	X	X	A	A	B	D
Freon, 14	A	A	A	A	A	X	A	A	X	X	A	A	X	D
Freon, 21	D	D	D	C	D	X	X	D	D	D	D	D	X	D
Freon, 22	D	C	D	A	A	B	D	C	X	X	A	A	D	D
Freon, 22 and ASTM Oil #2(50/50 Mixture)	D	D	B	B	D	B	X	D	X	X	D	X	B	D
Freon, 31	D	A	D	A	B	X	X	A	X	X	B	B	X	X
Freon, 32	A	A	D	A	A	X	X	A	X	X	A	A	X	X
Freon, 112	B	D	A	B	D	X	X	D	X	X	D	B	X	D
Freon, 113	A	D	B	A	B	X	A	D	X	X	D	A	X	D
Freon, 114	A	A	A	A	A	X	X	A	X	X	A	X	X	D
Freon, 114B2	B	D	B	B	D	X	X	D	X	X	D	A	X	D
Freon, 115, 116	A	A	B	A	A	X	X	A	X	X	A	X	X	X
Freon, 502	B	A	B	A	A	X	X	A	X	X	A	X	X	X
Freon, BF	B	D	A	B	D	X	X	D	X	X	D	B	X	D
Freon, C318	A	A	B	A	A	X	X	A	X	X	A	A	X	X
Freon, K-152a	A	A	D	A	A	X	X	A	X	X	A	D	X	X
Freon, K-142b	A	A	D	A	A	X	X	A	X	X	B	A	X	X
Freon, MF	B	D	B	D	D	X	C	D	X	X	D	A	X	D
Freon, PCA	A	D	B	A	B	X	A	D	X	X	D	A	X	D
Freon, TF	A	D	B	A	B	X	A	D	X	X	D	A	X	D
Fuel Oil, 1 and 2	A	D	A	B	D	A	B	D	D	D	D	C	A	D
Fuel Oil, Acidic	A	D	A	B	D	A	B	D	D	D	D	D	A	A
Fuel Oil, #6	B	D	A	D	D	A	B	D	D	D	D	D	A	A
Fumaric Acid	A	B	A	B	B	D	X	D	B	A	C	B	A	B
Fuming Sulphuric Acid (20/25% Oleum)	D	D	A	D	D	D	D	D	D	D	D	D	X	D
Furan (Furfuran)	D	C	X	D	D	D	X	D	D	D	D	D	X	X
Furfural	D	B	D	D	D	D	C	B	D	D	D	C	X	D
Furfuraldehyde	D	B	D	D	D	D	X	B	D	D	D	D	X	D
Furfuryl Alcoho)	D	B	X	D	D	D	D	B	D	D	D	D	D	D
Furyl Carbinol	D	B	X	D	D	D	D	B	D	D	D	D	D	D
Fyrquel 150, 220, 300, 550	D	A	A	D	D	D	D	A	D	D	D	D	B	A
Gallic Acid	B	B	A	B	B	D	D	B	X	A	A	B	A	X
Gasoline	A	D	A	D	D	D	B	D	D	D	D	D	A	D
Gelatin	A	A	A	A	A	D	D	A	A	A	A	A	A	A
Girling Brake Fluid	C	A	D	B	A	X	X	B	X	X	X	B	D	X
Glacial Acetic Acid	B	B	D	D	B	D	D	B	B	B	B	D	D	B
Glauber's Salt	D	B	A	B	D	D	X	B	D	B	B	B	A	X
Glucose	A	A	A	A	A	X	D	A	A	A	A	A	A	A
Glycerine - Glycerol	A	A	A	A	A	D	D	A	A	A	A	A	A	A
Glycols	A	A	A	A	A	D	D	A	A	A	A	A	A	A
Grease, Petroleum Base	A	D	A	C	D	A	A	D	D	D	D	D	A	D
Green Sulphate Liquor	B	A	A	B	B	D	D	A	B	B	B	B	B	X
Gulfcrown Grease	A	D	A	B	D	A	A	D	D	D	D	D	A	D
Gulf Endurance Oils	A	D	A	B	D	A	A	D	D	D	D	D	A	D
Gulf FR Fluids (Emulsion)	A	D	A	B	D	A	A	D	D	D	D	D	A	D
Gulf FR G-Fluids	A	A	A	A	A	D	B	A	A	A	A	A	A	A
Gulf FR P-Fluids	D	B	B	D	D	D	D	B	D	D	D	D	B	A
Gulf Harmony Oils	A	D	A	B	D	A	A	D	D	D	D	D	A	D
Gulf High Temperature Grease	A	D	A	B	D	A	A	D	D	D	D	D	A	D
Gulf Legion Oils	A	D	A	B	D	A	A	D	D	D	D	D	A	D
Gulf Paramount Oils	A	D	A	B	D	A	B	D	D	D	D	D	A	D
Gulf Security Oils	A	D	A	B	D	A	B	D	D	D	D	D	A	D
Halothane	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Halowax Oil	D	D	A	D	D	X	X	D	D	D	D	D	A	D
Hannifin Lube A	A	D	A	A	B	A	A	D	D	D	D	A	A	B
Heavy Water	A	A	X	B	A	D	D	A	A	A	A	A	A	A
HEF-2 (High Energy Fuel)	B	D	A	D	D	D	D	D	D	D	D	D	B	D
Helium	A	A	A	A	A	A	A	A	A	A	A	A	A	A
N-Heptane	A	D	A	B	D	A	B	D	D	D	D	B	C	D
N-Hexaldehyde	D	A	D	A	D	X	B	B	D	D	D	C	D	B
N-Hexane	A	D	A	B	D	A	B	D	D	D	D	B	C	D
N-Hexane-1	B	D	A	B	D	A	B	D	D	D	D	B	D	D
Hexyl Alcohol	A	C	A	B	A	D	D	C	A	A	A	B	B	B
High Viscosity Lubricant, U4	A	A	A	B	A	D	D	A	B	X	X	X	B	A
High Viscosity Lubricant, H2	A	A	A	B	A	D	D	A	B	X	X	X	B	A
HiLo MS #1	D	A	D	D	D	D	D	B	D	D	D	D	C	C
HoughtoSafe 271 (Water& Glycol Base)	A	A	B	B	A	D	D	B	X	X	X	X	B	B
HoughtoSafe 416 & 500 Series	A	A	X	X	X	X	X	X	X	X	X	X	X	X
HoughtoSafe 620 Water/Glycol	A	A	B	B	A	D	D	B	X	X	X	X	B	B
HoughtoSafe 1010, phosphate ester	D	A	A	D	D	D	X	A	D	D	D	D	B	C
HoughtoSafe 1055, phosphate ester	D	A	A	D	D	D	X	A	D	D	D	D	B	C
HoughtoSafe 1120, phosphate ester	D	B	A	D	D	D	D	A	D	D	D	D	B	C
HoughtoSafe 5040 (water/Oil emulsion)	A	D	A	B	D	D	D	D	D	D	D	D	B	C
Hydraulic Oil, Petroleum Base, Industrial	A	D	A	B	D	A	A	D	D	D	D	B	A	B
Hydrazine	B	A	D	B	B	X	D	A	X	X	A	B	D	B
Hydrobromic Acid	D	A	A	D	D	D	D	A	D	A	A	A	C	D
Hydrobromic Acid 40%	D	A	A	B	D	D	D	A	D	A	A	A	C	D
Hydrocarbons, Saturated	A	D	A	B	D	A	B	D	D	D	D	C	A	D
Hydrochloric Acid, 3 Molar to 158F	B	A	A	B	C	C	D	A	X	X	C	A	C	D
Hydrochloric Acid, Concentrated Room Temp.	B	B	A	X	X	X	X	X	X	X	X	X	X	X
Hydrochloric Acid, Concentrated to 158F	D	D	D	D	D	D	D	X	X	D	X	D	D	C
Hydrocyanic Acid	B	A	A	B	B	D	X	A	B	A	A	A	B	C
Hydro-Drive, MIH-50 (Petroleum Base)	A	D	A	B	D	A	B	D	D	D	D	D	A	B
Hydro-Drive, MIH-10 (Petroleum Base)	A	D	A	B	D	A	B	D	D	D	D	D	A	B
Hydrofluosilicic Acid	B	A	A	B	B	X	X	A	X	A	A	A	D	D
Hydrogen Gas, Cold	A	A	A	A	B	B	A	A	A	A	B	A	C	C
Hydrogen Gas, Hot	A	A	A	A	B	B	A	A	A	A	B	A	C	C
Hydrogen Peroxide (4)	B	A	A	A	B	D	X	A	B	B	B	B	A	A
Hydrogen Peroxide 90% (4)	D	C	A	D	D	D	X	C	D	D	D	C	B	B
Hydrogen Sulfide Dry, Cold	A	A	D	A	A	D	X	A	A	A	A	A	C	C

Hydrogen Sulfide Dry, Hot	D	A	D	B	D	D	X	A	D	D	D	C	C	C
Hydrogen Sulfide Wet, Cold	D	A	D	A	D	D	X	A	D	D	D	B	C	C
Hydrogen Sulfide Wet, Hot	D	A	D	B	D	D	X	A	D	D	D	C	C	C
Hydrolube-Water/Ethylene Glycol	A	A	A	B	A	D	D	B	X	X	X	X	B	B
Hydroquinone	C	B	B	D	D	D	X	D	D	B	B	D	B	X
Hydrene	B	A	D	B	B	D	X	B	B	B	B	X	D	D
Hyjet IV and IVA	D	A	D	D	D	D	D	B	D	D	D	D	D	D
Hypochlorous Acid	D	B	A	D	D	D	X	B	D	B	B	A	X	X
H2S (See Hydrogen Sulfide)														
Industron FF44	A	D	A	B	D	A	B	D	D	D	D	D	A	D
Industron FF48	A	D	A	B	D	A	B	D	D	D	D	D	A	D
Industron FF53	A	D	A	B	D	A	B	D	D	D	D	D	A	D
Industron FF80	A	D	A	B	D	A	B	D	D	D	D	D	A	D
Iodine	B	B	A	D	B	X	X	B	X	D	X	B	A	X
Iodine Pentafluoride	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Isobutyl Alcohol	B	A	A	A	B	D	D	A	B	A	A	A	B	A
Iso-Butyl N-Butyrate	D	A	A	D	D	D	X	A	D	D	D	D	A	X
Isododecane	A	D	A	B	D	D	X	D	D	D	D	D	B	A
Iso Octane	A	D	A	B	D	A	B	D	D	D	D	A	A	D
Isophorone (Ketone)	D	B	D	D	D	D	D	B	D	D	D	D	D	D
Isopropanol	B	A	A	B	B	D	D	A	B	A	A	A	B	A
Isopropyl Acetate	D	B	D	D	D	D	D	B	D	D	D	D	B	D
Isopropyl Alcohol	B	A	A	B	B	D	D	A	B	A	A	A	B	A
Isopropyl Chloride	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Isopropyl Ether	B	D	D	C	D	C	B	D	D	D	D	D	C	D
JP-4 (MIL-T-5624)	A	D	A	D	D	B	B	D	D	D	D	D	B	D
J P-5 (MIL-T-5624)	A	D	A	D	D	B	B	D	D	D	D	D	B	D
JP-6 (MIL-J-25656)	A	D	A	D	D	B	B	D	D	D	D	D	B	D
J P-8 (MIL-T-83133)	A	D	A	C	D	A	A	D	X	X	D	X	B	D
J P-9 (MIL-F-81912)	C	D	A	D	D	D	C	D	X	X	D	X	B	D
JP-9 -1 1	D	D	A	D	D	D	D	D	X	X	D	X	B	D
JP-10	C	D	A	D	D	D	C	D	X	X	D	X	A	D
Kel F Liquids	A	A	B	X	A	X	X	A	X	X	X	A	B	A
Kerosene (Similar to RP-1 and JP-1)	A	D	A	B	D	A	A	D	D	D	D	D	A	D
Keystone #87HX-Grease	A	D	A	D	D	A	A	D	D	D	D	D	A	D
Lactams-Amino Acids	D	B	D	B	D	X	X	B	D	D	D	B	D	X
Lactic Acid, Cold	A	A	A	A	A	D	X	A	A	A	A	A	A	A
Lactic Acid, Hot	D	D	A	D	D	D	X	D	D	D	D	C	B	B
Lactones (Cyclic Esters)	D	B	D	D	D	D	D	B	D	D	D	D	D	B
Lacquers	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Lacquer Solvents	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Lard, Animal Fat	A	B	A	B	D	A	A	B	D	D	D	D	A	B
Lead Acetate	B	A	D	B	D	D	D	A	D	A	A	D	D	D
Lead Nitrate	A	A	X	A	A	X	X	A	A	A	A	A	A	B
Lead Sulphamate	B	A	A	A	B	D	X	A	B	B	B	A	A	B
Lehigh X1169	A	D	A	B	D	A	A	D	D	D	D	D	B	A
Lehigh X1170	A	D	A	B	D	A	A	D	D	D	D	D	B	A
Ligroin (Petroleum Ether or Benzene)	A	D	A	B	D	A	B	D	D	D	D	D	C	A
Lindol, Hydraulic Fluid(Phosphate ester type)	D	A	B	D	D	D	D	A	D	D	D	D	C	C
Linoleic Acid	B	D	B	B	D	X	X	D	D	D	D	B	X	B
Linseed Oil	A	C	A	C	D	A	B	C	D	D	D	D	B	A
Liquid Oxygen (LOX)	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Liquid Petroleum Gas (LPG)	A	D	A	B	D	C	A	D	D	D	D	D	C	C
Liquimoly	A	D	A	B	D	A	B	D	D	D	D	D	A	D
Lubricating Oils, Di-ester	B	D	A	C	D	B	X	D	D	D	D	D	X	B
Lubricating Oils, petroleum base	A	D	A	B	D	A	B	D	D	D	D	D	A	D
Lubricating Oils, SAE 10, 20, 30, 40, 50	A	D	A	B	D	A	B	D	D	D	D	D	A	D
Lye Solutions	B	A	B	B	B	D	D	A	B	B	A	A	B	B
Magnesium Chloride	A	A	A	A	A	X	A	A	A	A	A	A	A	A
Magnesium Hydroxide	B	A	A	B	B	D	D	A	B	B	B	A	X	X
Magnesium Sulphite and Sulphate	A	A	A	A	B	D	X	A	B	B	B	A	A	A
Magnesium Salts	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Malathion	B	D	A	X	D	X	X	D	D	D	D	X	B	D
Maleic Acid	D	D	A	D	D	D	X	D	D	D	D	D	X	X
Maleic Anhydride	D	B	D	D	D	D	X	B	D	D	D	D	X	X
Malic Acid	A	B	A	B	B	D	X	D	B	A	C	B	A	B
MCS 312	D	D	A	D	D	D	X	D	D	D	D	X	A	A
MCS 352	D	A	D	D	D	D	D	B	D	D	D	D	C	C
MCS 463	D	A	D	D	D	D	D	B	D	D	D	D	C	C
Mercuric Chloride	A	A	A	A	A	X	X	A	A	A	A	A	X	X
Mercury	A	A	A	A	A	X	X	A	A	A	A	A	X	X
Mercury Vapors	A	A	A	A	A	X	X	A	A	A	A	A	X	X
Mesityl Oxide (Ketone)	D	B	D	D	D	D	D	B	D	D	D	D	D	D
Methane	A	D	A	B	D	A	C	D	D	D	D	D	B	C
Methanol	D	A	D	A	A	D	D	A	A	A	A	A	A	A
Methyl Acetate	D	B	D	B	D	D	D	B	D	D	D	D	D	D
Methyl Acetoacetate	D	B	D	D	X	D	D	B	X	X	X	D	D	B
Methyl Acrylate	D	B	D	B	D	D	D	B	D	D	D	D	D	D
Methylacrylic Acid	D	B	C	B	D	D	D	B	D	D	D	D	D	D
Methyl Alcohol	D	A	D	A	A	D	D	A	A	A	A	A	A	A
Methyl Benzoate	D	D	A	D	D	D	D	D	D	D	D	D	A	D
Methyl Bromide	B	D	A	D	D	C	X	D	D	D	D	D	A	X
Methyl Butyl Ketone	D	A	D	D	D	D	D	A	D	D	D	D	D	D
Methyl Carbonate	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Methyl Cellosolve	C	B	D	C	D	D	D	B	D	D	D	B	D	D
Methyl Cellulose	B	B	D	B	B	D	B	B	B	B	B	B	D	B
Methyl Chloride	D	C	A	D	D	D	D	C	D	D	D	D	B	D
Methyl Chloroformate	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Methylcyclopentane	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Methylene Chloride	D	D	B	D	D	D	D	D	D	D	D	D	B	D
Methyl Ether	A	D	A	C	D	D	X	D	A	A	D	D	A	A
Methyl Ethyl Ketone (MEK)	D	A	D	D	D	D	D	A	D	D	D	D	D	D
Methyl Ethyl Ketone Peroxide	D	D	D	D	D	D	D	D	D	D	D	D	D	B
Methyl Formate	D	B	X	B	D	X	X	B	D	D	D	B	X	X
Methyl Isobutyl Ketone (MIBK)	D	C	D	D	D	D	D	C	D	D	D	D	D	D
Methyl Isopropyl Ketone	D	B	D	D	D	D	D	B	D	D	D	D	D	D
Methyl Mercaptan	X	A	X	X	X	X	X	A	X	X	X	X	X	X
Methyl Methacrylate	D	D	D	D	D	D	X	D	D	D	D	D	D	D
N-Methyl-2-Pyrrolidone	X	B	X	X	X	X	X	X	X	X	X	X	X	X
MethylOleate	D	B	A	D	D	X	X	B	D	X	D	D	B	X
Methyl Salicylate	D	B	X	D	C	X	X	B	X	X	C	D	X	X

MIL-L-2104	A	D	A	B	D	A	A	D	D	D	D	C	A	D
MIL-S-3136 Type I Fuel	A	D	A	B	D	A	A	D	D	D	D	B	A	D
MIL-S-3136 Type II Fuel	B	D	A	D	D	C	B	D	D	D	D	D	B	D
MIL-S-3136 Type III Fuel	B	D	A	D	D	C	B	D	D	D	D	D	B	D
MIL-S-3136 Type IV Oil, Low Swell	A	D	A	A	D	A	A	D	D	D	D	A	A	C
MIL-S-3136 Type V Oil, Medium Swell	A	D	A	B	D	A	A	D	D	D	D	B	A	B
MIL-S-3136 Type IV Oil, High Swell	A	D	A	D	D	A	A	D	D	D	D	D	A	B
MIL-L-3150	A	D	A	B	D	B	B	D	D	D	D	B	A	D
MIL-G-3278	B	D	A	D	D	A	B	D	D	D	D	D	B	D
MIL-O-3503	A	D	A	B	D	B	A	D	D	D	D	B	A	D
MIL-G-3545	A	D	A	B	D	A	A	D	D	D	D	B	A	D
MIL-C-4339	A	D	A	D	D	A	A	D	D	D	D	D	A	C
MIL-G-4343	B	C	A	B	A	A	A	C	A	A	A	A	A	C
MIL-J-5161	B	D	A	D	D	A	B	D	D	D	D	D	A	D
MIL-F-5566	B	A	A	B	B	D	B	A	B	A	A	A	A	A
MIL-G-5572	A	D	A	D	D	B	B	D	D	D	D	D	A	D
MIL-H-5606	A	D	A	B	D	B	B	D	D	D	D	B	A	D
MIL-T-5624 J P-4, J P-5	A	D	A	D	D	B	B	D	D	D	D	D	B	D
MIL-L-6081	A	D	A	B	D	A	A	D	D	D	D	B	A	D
MIL-L-6082	A	D	A	B	D	A	A	D	D	D	D	B	A	C
MIL-H-6083	A	D	A	A	D	A	A	D	D	D	D	B	A	D
MIL-L-6085	B	D	A	D	D	B	C	D	D	D	D	D	B	D
MIL-A-6091	B	A	A	A	A	D	D	A	A	A	A	A	A	A
MIL-L-6387	B	D	A	D	D	B	A	D	D	D	D	D	B	D
MIL-C-7024	A	D	A	B	D	B	A	D	D	D	D	D	A	D
MIL-H-7083	A	A	B	B	B	D	D	A	C	C	B	B	A	A
MIL-G-71 18	B	D	A	B	D	C	C	D	D	D	D	B	A	D
MIL-G-7187	A	D	A	D	D	A	A	D	D	D	D	D	A	D
MIL-G-7421	B	D	A	B	D	D	B	D	D	D	D	B	B	D
MIL-G-771 1	A	D	A	D	D	B	A	D	D	D	D	D	A	B
MIL-L-7808	B	D	A	D	D	B	D	D	D	D	D	D	B	D
MIL-L-7870	A	D	A	B	D	A	B	D	D	D	D	D	A	D
MIL-C-8188	B	D	B	D	D	C	D	D	D	D	D	D	B	D
MIL-H-8446 (MLO-8515)	B	D	A	A	D	C	D	D	D	D	D	X	A	D
MIL-L-9000	A	D	A	B	D	A	C	D	D	D	D	D	B	D
MIL-L-9236	B	D	A	D	D	B	B	D	D	D	D	D	B	D
MIL-E-9500	A	A	A	A	A	D	D	A	A	A	A	A	A	A
MIL-G-10924	A	D	A	B	D	B	A	D	D	D	D	B	A	D
MIL-H-13910	A	A	A	A	A	B	D	A	A	A	A	A	B	D
MIL-L-15016	A	D	A	B	D	A	A	D	D	D	D	B	B	D
MIL-L-15017	A	D	A	B	D	A	A	D	D	D	D	B	B	D
MIL-G-15793	A	D	A	B	D	A	A	D	D	D	D	B	B	D
MIL-F-16884	A	D	A	C	D	A	C	D	D	D	D	C	A	D
MIL-F-1711 1	A	D	A	B	D	A	C	D	D	D	D	B	B	D
MIL-L-17331	A	D	A	X	D	X	X	D	D	D	D	X	X	D
MIL-H-19457	D	B	A	D	D	D	D	A	D	D	D	D	D	C
MIL-L-21260	A	D	A	B	D	A	A	D	D	D	D	B	A	D
MIL-G-21568	A	A	A	A	A	A	A	A	A	A	A	A	A	D
MIL-H-22251	B	A	X	B	B	X	X	A	X	X	X	B	X	D
MIL-L-23699	B	D	A	C	D	C	C	D	D	D	D	C	B	D
MIL-G-25013	A	A	A	B	A	A	C	A	D	D	B	B	A	D
MIL-G-25537	A	D	A	B	D	B	A	D	D	D	D	B	A	D
MIL-F-25558 (RJ-1)	A	D	A	B	D	A	A	D	D	D	D	B	A	D
MIL-R-25576 (RP-1)	A	D	A	B	D	A	A	D	D	D	D	B	A	D
MIL-F-25656	A	D	A	D	D	B	B	D	D	D	D	D	B	D
MIL-L-25681	B	A	A	B	B	B	C	A	B	B	B	B	B	D
MIL-G-25760	B	D	A	B	D	B	B	D	D	D	D	B	B	D
MIL-P-27402	B	A	X	B	B	X	X	A	X	X	X	B	X	D
MIL-H-27601	A	D	A	B	D	A	C	D	D	D	D	C	B	D
MIL-H-46170	A	D	A	B	D	B	B	D	D	D	D	B	A	D
MIL-S-81087	A	A	A	A	A	A	A	A	A	A	A	A	A	C
MIL-F-81912 (J P-9)	C	D	A	D	D	D	C	D	X	X	D	X	B	D
MIL-F-82522 (RJ-4)	B	D	A	D	D	A	A	D	A	A	A	X	A	D
MIL-T-83133	A	D	A	C	D	A	A	D	X	X	D	X	B	D
Milk	A	A	A	A	A	D	D	A	A	A	A	A	A	A
MineralOils	A	C	A	B	D	A	A	C	D	D	D	B	A	B
MLO-7277 Hydr.	C	D	A	D	D	C	C	D	D	D	D	D	C	D
MLO-7557	C	D	A	D	D	C	C	D	D	D	D	D	C	D
MLO-8200 Hydr.	B	D	A	A	D	X	A	D	D	D	D	D	B	D
MLO-8515	B	D	A	A	D	C	A	D	D	D	D	C	A	D
Mobil SHC 500 Series	C	D	A	B	X	A	B	D	X	X	X	B	B	B
Mobil SHC 600 Series	C	D	A	B	D	A	A	D	X	X	X	B	B	C
Mobilgear 600 Series	C	C	A	A	D	A	B	C	C	D	D	B	A	A
Mobilgear SHC ISO Series	C	C	A	B	D	A	B	C	C	D	D	B	A	A
Mobilgrease HP	B	D	A	B	D	A	A	D	X	D	D	C	A	B
Mobilgrease HTS	B	D	A	B	D	A	A	D	X	D	D	C	A	B
Mobilgrease SM	B	D	A	B	D	A	A	D	X	D	D	C	A	B
Mobilith SHC Series	B	D	A	C	D	A	A	D	X	D	D	C	A	B
Mobilith AW Series	B	D	A	B	D	A	A	D	X	D	D	C	A	B
Mobilmistube Series	C	C	A	A	D	A	B	C	C	D	D	B	A	A
Mono Bromobenzene	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Monochlorobenzene	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Mono Ethanolamine	D	B	D	D	B	D	D	B	B	B	B	D	D	B
Monomethylaniiline	D	B	B	D	D	D	D	B	D	D	D	D	X	X
Monomethyl Hydrazine	B	A	X	B	B	X	X	A	X	X	X	B	X	D
Monoitrotoluene & Dinitrotoluene(40/60 Mixture)	D	D	C	D	D	D	D	D	D	D	D	D	C	D
Monovinyl Acetylene	A	A	A	B	B	X	X	A	B	B	B	B	X	B
Mopar Brake Fluid	C	A	D	B	A	X	X	B	X	X	X	B	D	C
Naptha	B	D	A	D	D	B	B	D	D	D	D	D	B	D
Naphthalene	D	D	A	D	D	X	B	D	D	D	D	D	A	D
Naphthenic Acid	B	D	A	D	D	X	X	D	D	D	D	D	A	D
Natural Gas	A	D	A	A	B	B	B	D	B	B	B	A	C	D
Neatsfoot Oil	A	B	A	D	D	A	A	B	D	D	D	D	A	B
Neon	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Neville Acid	D	B	A	D	D	D	X	B	D	D	D	D	B	D
Nickel Acetate	B	A	D	B	D	D	C	A	D	A	A	D	D	D
Nickel Chloride	A	A	A	B	A	C	C	A	A	A	A	A	A	A
Nickel Salts	A	A	A	B	A	C	C	A	A	A	A	A	A	A
Nickel Sulfate	A	A	A	A	B	D	C	A	B	B	B	A	A	A
Niter Cake	A	A	A	A	A	D	A	A	A	A	A	A	A	A
Nitric Acid 3 Molar to 158F(4)	D	B	C	D	C	D	D	B	X	X	X	B	D	D

Nitric Acid Concentrated Room Temp.(4)	X	D	B	X	X	X	X	X	X	X	X	X	X	X
Nitric Acid Concentrated to 158F(4)	D	D	D	D	D	D	D	X	X	D	X	D	X	D
Nitrobenzene	D	A	B	D	D	D	D	A	D	D	D	D	D	D
Nitroethane	D	B	D	B	B	D	D	B	B	B	B	B	D	D
Nitrogen	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Nitrogen Tetroxide (N2O4)(4)	D	D	D	D	D	D	D	B	D	D	D	D	D	D
Nitromethane	D	B	D	C	C	D	D	B	B	B	B	B	D	D
Nitropropane	D	B	D	D	D	D	D	B	D	D	D	D	D	D
Nitrous Oxide	A	A	A	X	X	X	X	X	X	X	X	X	X	A
Nonyl GE Phenolic	A	A	X	X	X	X	X	X	X	X	X	X	X	X
Nyac FR200, Mobil	A	A	A	B	D	X	X	D	D	X	D	C	X	X
Octachloro Toluene	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Octadecane	A	D	A	B	D	B	A	D	D	D	D	B	A	D
N-Octane	A	D	A	D	D	D	D	D	D	D	D	D	B	D
Octyl Alcohol	B	C	A	B	B	D	D	B	B	B	B	B	B	B
Oleic Acid	C	D	B	D	D	D	B	D	D	D	D	D	X	D
Oleum (Fuming Sulfuric Acid)	D	D	A	D	D	D	D	D	D	D	D	D	X	D
Oleum Spirits	B	D	A	C	D	X	C	D	D	D	D	D	B	D
Olive Oil	A	B	A	B	D	A	A	B	D	D	D	B	A	C
Oronite 8200	B	D	A	A	D	X	A	D	D	D	D	D	A	D
Oronite 8515	B	D	A	A	D	X	A	D	D	D	D	D	A	D
Orthochloro Ethyl Benzene	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Ortho-Dichlorobenzene	D	D	A	D	D	D	D	D	D	D	D	D	B	D
OS 45 Type III (0545)	B	D	A	A	D	X	D	D	D	D	D	B	B	D
OS 45 Type IV (0545-1)	B	D	A	A	D	X	D	D	D	D	D	B	B	D
OS 70	B	D	A	A	D	X	D	D	D	D	D	B	B	D
Oxalic Acid	B	A	A	B	B	X	X	A	B	B	B	B	A	B
Oxygen, Cold(4)	B	A	A	A	B	B	A	A	B	B	B	B	A	A
Oxygen, 200-400F (4)	D	D	B	D	D	D	D	D	D	D	D	D	D	A
Ozone	D	A	A	B	D	B	A	B	D	D	D	D	A	A
Paint Thinner, Duco	D	D	B	D	D	D	D	D	D	D	D	D	B	D
Palmitic Acid	A	B	A	B	B	X	A	B	B	B	B	C	A	D
Para-dichlorobenzene	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Par-al-Ketone	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Parker O Lube	A	D	A	A	B	A	A	D	D	D	D	D	A	B
Peanut Oil	A	C	A	C	D	A	B	C	D	D	D	B	A	A
Pentane, 2 Methyl	A	D	A	B	D	A	D	D	D	D	D	B	C	D
Pentane, 2,4, dimethyl	A	D	A	B	D	A	D	D	D	D	D	B	C	D
Pentane, 3-Methyl	A	D	A	B	D	A	D	D	D	D	D	B	C	D
N-Pentane	A	D	A	A	C	A	D	D	D	D	D	B	C	D
Perchloric Acid - 2N	D	B	A	B	D	D	D	B	D	D	D	B	A	D
Perchloroethylene	B	D	A	D	D	D	D	D	D	D	D	D	B	D
Petrolatum	A	D	A	B	D	A	A	D	D	D	D	B	A	D
Petroleum Oil, Crude	A	D	A	B	D	A	A	D	D	D	D	B	A	D
Petroleum Oil, Below 250F	A	D	A	B	D	B	B	D	D	D	D	B	B	B
Petroleum Oil, Above 250F	D	D	B	D	D	D	D	D	D	D	D	D	D	D
Phenol	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Phenol, 70%/30% H2O	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Phenol, 85%/15% H2O	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Phenylbenzene	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Phenyl Ethyl Ether	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Phenylhydrazine	D	B	A	D	B	D	X	D	B	A	A	D	X	X
Phorone	D	C	D	D	D	D	D	C	D	D	D	D	D	D
Phosphate Esters (8)														
Phosphoric Acid, 3 Molar to 158F	A	A	A	B	B	C	D	A	X	X	X	A	B	B
Phosphoric Acid, Concentrated Room Temp	B	A	A	B	A	B	D	A	X	X	X	A	C	C
Phosphoric Acid, Concentrated to 158F	D	A	A	C	B	C	D	A	X	X	X	A	C	D
Phosphorous Trichloride	D	A	A	D	D	X	X	A	X	X	D	D	A	X
Pickling Solution	D	C	B	D	D	D	D	C	D	D	D	B	D	D
Picric Acid, H2O Solution	A	A	A	A	B	X	X	A	B	B	A	A	B	X
Picric Acid, Molten	B	B	A	B	B	X	X	B	B	B	B	B	B	D
Pinene	B	D	A	C	D	D	B	D	D	D	D	D	A	D
Pine Oil	A	D	A	D	D	X	X	D	D	D	D	D	A	D
Piperidine	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Plating Solutions, Chrome	D	B	A	D	D	D	D	B	D	D	D	D	B	B
Plating Solutions, Others	A	A	A	D	D	X	X	A	X	X	D	A	X	D
Pneumatic Service	A	A	A	A	D	D	A	A	D	D	D	A	D	D
Polyvinyl Acetate Emulsion	X	A	X	B	D	X	X	A	X	X	B	B	X	X
Potassium Acetate	B	A	D	B	D	D	D	A	D	A	A	A	D	D
Potassium Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Cupro Cyanide	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Cyanide	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Dichromate	A	A	A	A	A	B	A	A	A	A	A	A	A	A
Potassium Hydroxide, 50%	B	A	D	B	B	D	D	A	B	B	B	A	C	C
Potassium Nitrate	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Salts	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Sulphate	A	A	A	A	B	D	A	A	A	B	B	B	A	A
Potassium Sulfite	A	A	A	A	B	D	A	A	A	B	B	B	A	A
Prestone Antifreeze	A	A	A	A	A	D	D	A	A	A	A	A	A	A
PRL-High Temp. Hydr. Oil	B	D	A	B	D	A	B	D	D	D	D	D	A	B
Producer Gas	A	D	A	B	D	B	A	D	D	D	D	B	B	B
Propane	A	D	A	B	D	A	C	D	D	D	D	B	B	D
Propyl Acetate	D	B	D	D	D	D	D	B	D	D	D	D	D	D
N-Propyl Acetone	D	A	D	D	D	D	D	A	D	D	D	D	D	D
Propyl Alcohol	A	A	A	A	A	D	D	A	A	A	A	A	A	A
Propylene	C	D	A	D	D	D	D	D	D	D	D	D	C	D
Propylene Oxide	D	B	D	D	D	D	D	B	D	D	D	D	D	D
Propyl Nitrate	D	B	D	D	D	D	X	B	D	D	D	D	D	D
Pyranol, Transformer Oil	A	D	A	B	D	A	B	D	D	D	D	B	A	D
Pydraul, 10E	D	A	D	D	D	D	D	A	D	D	D	D	D	A
Pydraul, 29ELT 30E, 50E, 65E	D	A	A	D	D	D	D	A	D	D	D	D	A	A
Pydraul, 115E	D	A	A	D	D	D	D	A	D	D	D	D	C	D
Pydraul, 230C, 312C, 540C, A200	D	D	A	D	D	D	D	D	D	D	D	D	D	D
Pyridine Oil	D	B	D	D	D	D	X	B	D	D	D	D	D	D
Pyrogard 53, Mobil Phosphate Ester	D	A	A	D	D	D	D	A	D	D	D	D	D	D
Pyrogard D, Mobil Water-in-Oil Emulsion	A	D	D	B	D	X	A	D	D	D	D	A	B	C
Pyroligneous Acid	D	B	D	B	D	D	D	B	D	D	D	B	D	X
Pyrolube	D	B	A	D	D	D	D	B	D	D	D	D	B	B
Pyrolore	D	D	D	D	B	D	X	D	B	B	B	D	D	B
Radiation (GAMMA, 1 E +07 RADS)(9)	C	B	D	X	X	X	D	D	X	X	D	X	D	B
Red Oil (MIL-H-5606)	A	D	A	B	D	A	A	D	D	D	D	B	A	D

Red Line 100 Oil	A	D	A	B	D	A	A	D	D	D	D	B	A	D	
RJ-1 (MIL-F-25558)	A	D	A	B	D	A	A	D	D	D	D	B	A	D	
RJ-4 (MIL-F-25558)	B	D	A	D	D	B	B	D	X	X	D	X	A	D	
RP-1 (MIL-R-25576)	A	D	A	B	D	A	A	D	D	D	D	B	A	D	
Rapeseed Oil	B	A	A	B	D	B	B	A	D	D	D	B	A	D	
Sal Ammoniac	A	A	A	A	A	A	A	A	A	A	A	A	A	B	
Salicylic Acid	B	A	A	X	B	X	X	A	B	A	A	X	A	X	
Santo Safe 300	D	C	A	D	D	D	X	C	D	D	D	X	A	A	
Sea (Salt) Water	A	A	A	B	A	D	B	A	A	A	A	A	A	A	
Sewage	A	A	A	B	A	D	D	A	A	A	A	A	A	A	
SF96 GE Silicone Fluid	B	A	A	A	A	A	B	A	A	A	A	A	A	D	
SF1147 GE Silicone Fluid	B	C	A	X	X	X	X	C	X	X	X	X	X	D	
SF1154 GE Silicone Fluid	B	A	A	A	A	A	B	A	X	A	A	A	A	D	
Shell Alvania Grease #2	A	D	A	B	D	A	A	D	D	D	D	D	A	B	
Shell Carnea 19 and 29	A	D	A	D	D	A	B	D	D	D	D	D	A	X	
Shell Diala	A	D	A	B	D	A	B	D	D	D	D	D	A	D	
Shell Irua 905	A	D	A	B	D	A	A	D	D	D	D	D	A	D	
Shell 3XF Mine Fluid (Fire resist hydr.)	A	D	A	B	D	D	D	D	D	D	D	D	B	X	
Shell Tellus #32 Pet. Base	A	D	A	B	D	A	A	D	D	D	D	D	A	D	
Shell Tellus #68	A	D	A	B	D	A	A	D	D	D	D	D	A	D	
Shell UMF (5% Aromatic)	A	D	A	B	D	A	A	D	D	D	D	D	A	D	
Shell Lo Hydrax 27 and 29	A	D	A	B	D	A	B	D	D	D	D	D	A	D	
Shell Macome 72	A	D	A	B	D	A	B	D	D	D	D	D	A	D	
Silicate Esters	B	D	A	A	D	X	A	D	D	D	D	X	A	D	
Silicone Greases	A	A	A	A	A	A	A	A	A	A	A	A	A	B	C
Silicone Oils	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C
Silver Nitrate	B	A	A	A	A	A	A	A	A	A	A	A	A	A	
Sinclair Opaline CX-EP Lube	A	D	A	B	D	A	A	D	D	D	D	D	B	D	
Skelly, Solvent B, C, E	A	D	A	D	D	X	X	D	D	D	D	D	A	X	
Skydrol 500 B4	D	A	D	D	D	D	D	B	D	D	D	D	C	C	
Skydrol LD-4	D	A	D	D	D	D	D	B	D	D	D	D	C	C	
Soap Solutions	A	A	A	B	B	D	D	A	A	A	B	A	A	A	
Socony Mobile Type A	A	D	A	B	D	A	B	D	D	D	D	D	B	D	
Socony Vacuum AMV AC781 (grease)	A	D	A	B	D	A	B	D	D	D	D	D	A	D	
Socony Vacuum PD959B	A	D	A	B	D	A	A	D	D	D	D	D	B	A	
Soda Ash	A	A	A	A	A	X	X	A	A	A	A	A	A	A	
Sodium Acetate	B	A	D	B	D	C	C	A	D	A	A	A	A	D	
Sodium Bicarbonate (Baking Soda)	A	A	A	A	A	X	X	A	A	A	A	A	A	A	
Sodium Borate	A	A	A	A	A	X	X	A	A	A	A	A	A	A	
Sodium Carbonate (Soda Ash)	A	A	A	A	A	X	X	A	A	A	A	A	A	A	
Sodium Bisulfate or Bisulfite	A	A	A	A	B	D	X	A	B	B	A	A	A	A	
Sodium Chloride	A	A	A	A	A	X	A	A	A	A	A	A	X	A	
Sodium Cyanide	A	A	X	A	A	X	X	A	A	A	A	A	X	A	
Sodium Hydroxide, 3 Molar	B	A	B	B	B	D	B	A	A	A	A	A	B	A	
Sodium Hypochlorite	B	C	A	B	B	D	D	A	B	B	B	A	B	B	
Sodium Metaphosphate	A	A	A	B	A	X	X	A	A	A	A	B	A	X	
Sodium Nitrate	B	A	X	B	B	X	X	A	A	A	B	A	X	D	
Sodium Perborate	B	A	A	B	B	X	X	A	B	B	B	B	A	B	
Sodium Peroxide	B	A	A	B	B	D	D	A	B	B	B	B	A	D	
Sodium Phosphate (Mono)	A	A	A	B	A	A	A	A	A	A	A	A	X	D	
Sodium Phosphate (Dibasic)	A	A	A	B	A	A	A	A	A	A	A	A	X	D	
Sodium Phosphate (Tribasic)	A	A	A	B	A	A	A	A	A	A	A	A	X	A	
Sodium Salts	A	A	A	B	A	A	A	A	A	A	A	A	A	A	
Sodium Silicate	A	A	A	A	A	X	X	A	A	A	A	A	X	X	
Sodium Sulphate	A	A	A	A	B	D	A	A	B	B	B	A	A	A	
Sodium Sulphide and Sulfite	A	A	A	A	B	D	A	A	B	B	B	A	A	A	
Sodium Thiosulfate	B	A	A	A	B	D	A	A	B	B	B	A	A	A	
Sour Crude Oil	C	D	A	D	D	D	D	D	D	D	D	X	D	D	
Sour Natural Gas	C	D	A	D	D	D	D	D	D	D	D	X	D	D	
Sovasol No. 1, 2 and 3	A	D	A	B	D	B	B	D	D	D	D	D	B	A	
Sovasol No. 73 and 74	B	D	A	B	D	B	B	D	D	D	D	D	B	A	
Soybean Oil	A	C	A	C	D	A	X	C	D	D	D	C	A	A	
Spry	A	B	A	B	D	A	A	B	D	D	D	D	A	A	
SR-6 Fuel	B	D	A	D	D	B	B	D	D	D	D	D	A	D	
SR-10 Fuel	A	D	A	D	D	B	B	D	D	D	D	D	A	D	
Standard Oil Mobilube GX90-EP Lube	A	D	A	B	D	A	A	D	D	D	D	B	A	D	
Stannic Chloride	A	A	A	D	A	X	X	A	A	A	A	D	A	B	
Stannic Chloride 50%	A	A	A	D	A	X	X	A	A	A	A	D	A	B	
Stannous Chloride (15%)	A	A	A	A	A	X	X	A	A	A	A	D	A	B	
Stauffer 7700	B	D	A	D	D	B	X	D	D	D	D	D	B	D	
Steam, Below 400F	D	A	D	D	D	D	D	B	D	D	D	D	D	C	
Steam, 400 - 500F	D	C	D	D	D	D	D	D	D	D	D	D	D	D	
Steam, Above 500F															
Stearic Acid	B	B	X	B	B	X	X	B	B	B	B	B	X	B	
Stoddard Solvent	A	D	A	B	D	A	A	D	D	D	D	D	A	D	
Styrene (Monomer)	D	D	B	D	D	D	X	D	D	D	D	D	C	D	
Sucrose Solutions	A	A	A	B	A	D	D	A	A	A	A	B	A	A	
Sulfur Liquors	B	B	A	B	B	D	X	B	B	B	B	B	B	D	
Sulfur	D	A	A	A	D	D	X	A	D	D	D	X	A	X	
Sulfur Molten	D	C	A	C	D	D	D	C	D	D	D	D	C	C	
Sulfur Chloride	D	D	A	D	D	D	X	D	D	D	D	D	A	C	
Sulfur Dioxide, Wet	D	A	D	B	D	D	X	A	D	D	D	C	B	B	
Sulfur Dioxide, Dry	D	A	D	D	B	D	X	B	B	B	B	D	B	B	
Sulfur Dioxide, Liquidified under pressure	D	A	D	D	D	D	X	B	D	D	D	D	B	B	
Sulfuric Acid, 3 Molar to 158F	B	A	A	B	C	B	D	A	X	X	X	A	A	A	
Sulfuric Acid, Concentrated, Room Temp	X	C	A	X	X	X	C	X	X	X	X	X	X	X	
Sulfuric Acid, Concentrated to 158F	D	D	A	D	D	D	D	D	X	X	X	X	D	D	
Sulfurous Acid	B	B	A	B	B	D	C	B	B	B	B	B	A	X	
Sulfur Trioxide, Dry	D	B	A	D	C	D	X	B	B	B	B	D	B	B	
Sunoco SAE 10	A	D	A	B	D	A	A	D	D	D	D	D	B	A	
Sunoco #3661	A	D	A	B	D	A	A	D	D	D	D	D	B	A	
Sunoco All purpose grease	A	D	A	B	D	A	A	D	D	D	D	D	B	A	
Sunoco (Fire resist. hydr. fluid)	A	D	A	B	D	D	D	D	D	D	D	D	B	A	
Super Shell Gas	A	D	A	B	D	B	B	D	D	D	D	D	B	D	
Swan Finch EP Lube	A	D	A	D	D	A	A	D	D	D	D	D	D	A	
Swan Finch Hypoid-90	A	D	A	B	D	A	A	D	D	D	D	D	A	D	
Tannic Acid (10%)	A	A	A	A	B	D	X	A	A	A	A	A	A	B	
Tar, bituminous	B	D	A	C	D	D	X	D	D	B	C	D	A	B	
Tartaric Acid	A	B	A	B	D	X	A	B	B	A	C	A	A	A	
Terpineol	B	C	A	D	D	X	B	C	D	D	D	D	A	X	
Tertiary Butyl Alcohol	B	B	A	B	B	D	D	B	B	B	B	B	B	B	

P-Tertiary Butyl Catechol	D	B	A	B	B	D	D	B	B	D	D	B	A	X
Tertiary Butyl Mercaptan	D	D	A	D	D	D	D	D	D	D	D	D	X	D
Tetrabromoethane	D	D	A	D	D	D	X	D	D	D	D	D	B	D
Tetraethyl Titanate	B	A	A	B	B	X	X	B	B	B	B	D	D	D
Tetrachloroethane	D	D	A	D	D	D	D	D	D	D	D	D	B	X
Tetrachloroethylene	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Tetraethyl Lead	B	D	A	B	D	X	X	D	D	D	D	D	B	X
Tetraethyl Lead "Blend"	B	D	A	D	D	X	X	D	D	D	D	D	B	X
Tetrahydrofuran	D	B	D	D	D	D	C	B	D	D	D	D	D	D
Tetralin	D	D	A	D	D	X	X	D	D	D	D	D	A	D
Texaco 3450 Gear Oil	A	D	A	D	D	A	A	D	D	D	D	D	A	D
Texaco Capella A and AA	A	D	A	B	D	A	B	D	D	D	D	D	A	D
Texaco Meropa 220 (No Lead)	A	D	A	B	D	A	B	D	D	D	D	D	A	D
Texaco Regal B	A	D	A	D	D	A	A	D	D	D	D	D	A	D
Texaco Uni-Temp, Grease	A	D	A	B	D	A	A	D	D	D	D	D	A	B
Texamatic "A" Transmission Oil	A	D	A	B	D	A	B	D	D	D	D	D	B	D
Texamatic "A" 1581 Fluid	A	D	A	B	D	A	B	D	D	D	D	D	B	D
Texamatic "A" 3401 Fluid	A	D	A	B	D	A	B	D	D	D	D	D	B	D
Texamatic "A" 3525 Fluid	A	D	A	B	D	A	B	D	D	D	D	D	B	D
Texamatic "A" 3528 Fluid	A	D	A	B	D	A	B	D	D	D	D	D	B	D
Texas 1500 Oil	A	D	A	B	D	A	A	D	D	D	D	D	A	B
Therminol VP-1, 60, 65	D	D	A	D	X	D	X	D	X	X	X	X	X	B
Therminol44	D	D	A	D	X	D	X	D	X	X	X	X	X	D
Therminol55	B	D	A	D	X	B	X	D	X	X	X	X	X	D
Thiokol TP-90B	D	A	A	B	D	X	X	A	X	X	X	X	B	X
Thiokol TP-95	D	A	A	B	D	X	X	A	X	X	X	X	B	X
Tidewater Oil-Beedol	A	D	A	B	D	A	A	D	D	D	D	D	A	B
Tidewater Multigear 140, EP Lube	A	D	A	B	D	A	A	D	D	D	D	D	B	A
Titanium Tetrachloride	B	D	A	D	D	D	D	D	D	D	D	D	B	D
Toluene	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Toluene Diisocyanate	D	B	D	D	D	D	X	B	D	D	D	D	D	D
Transformer Oil	A	D	A	B	D	B	A	D	D	D	D	D	A	B
Transmission Fluid Type A	A	D	A	B	D	A	A	D	D	D	D	D	B	A
Triacetin	B	A	D	B	C	D	D	A	B	B	B	B	D	X
Triaryl Phosphate	D	A	A	D	D	D	D	A	D	D	D	D	B	C
Tributoxyethyl Phosphate	D	A	A	D	B	D	D	A	B	D	B	D	B	X
Tributyl Mercaptan	D	D	A	D	D	D	X	D	D	D	D	D	C	D
Tributyl Phosphate	D	A	D	D	D	D	D	B	D	B	B	D	D	D
Trichloroacetic Acid	B	B	C	D	B	D	D	B	B	B	B	D	D	X
Trichloroethane	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Trichloroethylene	C	D	A	D	D	D	D	D	D	D	D	D	B	D
Tricresyl Phosphate	D	A	B	C	B	D	D	A	D	D	D	D	B	C
Triethanol Amine	C	B	D	B	B	D	D	B	B	B	B	B	D	X
Trifluoroethane	D	D	A	D	D	D	D	D	D	D	D	D	B	D
Trinitrotoluene	D	D	B	B	D	D	X	D	D	D	D	D	B	X
Trioctyl Phosphate	D	A	B	D	D	D	D	A	D	D	D	D	B	C
Tripoly Phosphate	D	A	B	C	D	D	D	A	D	D	D	D	A	C
Tung Oil (China Wood Oil)	A	D	A	B	D	X	C	C	D	D	D	D	C	B
Turbine Oil	A	D	A	D	D	A	A	D	D	D	D	D	A	D
Turbine Oil #15 (MIL-L-7808A)	B	D	A	D	D	B	D	D	D	D	D	D	B	D
Turbo Oil #35	A	D	A	B	D	A	A	D	D	D	D	D	A	D
Turpentine	A	D	A	D	D	B	D	D	D	D	D	D	B	D
Type I Fuel (MIL-S-3136)(ASTM Ref. Fuel A)	A	D	A	B	D	A	A	D	D	D	D	D	B	A
Type II Fuel MIL-S-3136	B	D	A	D	D	C	B	D	D	D	D	D	D	B
Type III Fuel MIL-s-3-3s(AsTM Ref. Fuel B)	B	D	A	D	D	C	B	D	D	D	D	D	A	D
Ucon Hydrolube J-4	A	A	A	B	A	D	D	A	B	X	X	X	B	A
Ucon Lubricant LB-65	A	A	A	A	B	X	X	A	B	B	B	B	A	A
Ucon Lubricant LB-135	A	A	A	A	A	X	X	A	A	A	A	A	A	A
Ucon Lubricant LB-285	A	A	A	A	A	X	X	A	A	A	A	A	A	A
Ucon Lubricant LB-300X	A	A	A	A	A	X	X	A	A	A	A	A	A	A
Ucon Lubricant LB-625	A	A	A	A	A	X	X	A	A	A	A	A	A	A
Ucon Lubricant LB-1145	A	A	A	A	A	X	X	A	A	A	A	A	A	A
Ucon Lubricant 50-HB55	A	A	A	A	A	X	X	A	A	A	A	A	A	A
Ucon Lubricant 50-HB-100	A	A	A	A	A	X	X	A	A	A	A	A	A	A
Ucon Lubricant 50-HB-260	A	A	A	A	A	X	X	A	A	A	A	A	A	A
Ucon Lubricant 50-HB-660	A	A	A	A	A	X	X	A	A	A	A	A	A	A
Ucon Lubricant 50-HB-5100	A	A	A	A	A	X	X	A	A	A	A	A	A	A
Ucon Oil LB-385	A	A	A	A	A	X	X	A	A	A	A	A	A	A
Ucon Oil LB-400X	A	A	A	A	A	X	X	A	A	A	A	A	A	A
Ucon Oil Heat Transfer Fluid 500(Polyalkalene Gly	A	A	A	A	A	X	X	A	A	A	A	A	A	A
Univis 40 (Hydr. Fluid)	A	D	A	B	D	A	A	D	D	D	D	D	B	A
Univolt #35 (Mineral Oil)	A	D	A	B	D	A	A	D	D	D	D	D	A	D
Unsymmetrical Dimethyl Hydrazine (UDMH)	B	A	D	B	B	X	X	A	A	A	A	A	D	D
Uranium Hexachloride	X	X	A	X	X	X	X	X	X	X	X	X	X	X
Varnish	B	D	A	D	D	D	C	D	D	D	D	D	B	D
Vegetable Oil	A	C	A	C	D	A	X	C	D	D	D	D	X	A
Versilube F-50	A	A	A	A	A	A	A	A	A	A	A	A	A	C
Vinegar	B	B	C	B	B	D	D	B	B	B	B	X	C	C
Vinyl Chloride	X	D	X	X	X	X	X	X	X	X	X	X	X	X
W-H-910	C	A	A	B	A	B	D	B	B	B	B	B	B	B
Wagner 21 B Brake Fluid	C	A	D	B	A	X	X	B	X	X	B	B	D	C
Water (10)	A	A	B	B	A	D	D	A	A	A	A	A	A	A
Wemco C	A	D	A	B	D	A	A	D	D	D	D	D	A	D
Whiskey and Wines	A	A	A	A	A	D	D	A	A	A	A	A	A	A
White Pine Oil	B	D	A	D	D	X	X	D	D	D	D	D	A	D
White Oil	A	D	A	B	D	A	A	D	D	D	D	D	A	D
Wolmar Salt	A	A	A	B	A	B	A	A	A	A	A	A	A	A
Wood Alcohol	A	A	D	A	A	D	D	A	A	A	A	A	A	A
Wood Oil	A	D	A	B	D	A	C	C	D	D	D	C	B	D
Xylene	D	D	A	D	D	D	D	D	D	D	D	D	A	D
Xylidenes-Mixed-Aromatic Amines	C	D	D	D	D	D	D	D	D	D	D	D	D	D
Xy101	D	D	A	D	D	D	D	D	D	D	D	D	A	D
Xenon	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Zeolites	A	A	A	A	A	X	X	A	A	A	A	A	A	X
Zinc Acetate	B	A	D	B	D	D	D	A	D	A	A	A	D	D
Zinc Chloride	A	A	A	A	A	D	X	A	A	A	A	A	A	X
Zinc Salts	A	A	A	A	A	D	A	A	A	A	A	A	A	A
Zinc Sulfate	A	A	A	A	B	D	X	A	B	B	B	A	A	A

The above information has been derived from many sources and the ratings are therefore intended as a guide only.

Users must test under their own operating conditions to determine the suitability of any compound in a particular application.

Disclaimer

Please note, failure to select the correct materials or products we supply (“the Products”) may result in damage to plant, equipment or property. In some instances, it may cause death or personal injury. We are not designers and do not give advice about design related matters concerning the Products. We can help and assist with the technical specifications for the Products. In specific applications, particularly where critical conditions exist, we will try to assist you within the limitations of the services that we offer. All information supplied by us is intended as technical co-operation outlining the specifications of the different Products which we supply. To the extent permitted in law, no warranty is given in respect of any information supplied by us. The customer must satisfy themselves as to the suitability of the Products for their intended application and use. The correct fitting of Products is the responsibility of the customer. Your statutory rights remain unaffected. Save in respect of death, personal injury or fraud, our entire liability to you, however arising from the supply of Products shall be limited to the £10M indemnity amount provided by our insurers.