



O-ring Compatibility Chart



LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Abietic Acid	X	X	X	X	Alkyl Sulfide	4	X	1	X
Acetaldehyde	2	2	4	3	Alkyl naphthalene Sulfonic Acid	4	2	1	X
Acetamide	1	2	3	2	Allyl Chloride	4	X	1	X
Acetanilide	1	2	3	X	Allylidene Diacetate	1	2	3	X
Acetic Acid, 30%	1	X	X	X	Alpha Picoline	1	2	3	X
Acetic Acid, 5%	1	1	1	1	Aluminum Acetate	1	4	4	2
Acetic Acid, Glacial	1	1	2	3	Aluminum Bromide	1	1	1	1
Acetic Acid, Hot, High Pressure	3	3	4	3	Aluminum Chlorate	1	2	3	X
Acetic Anhydride	2	2	4	2	Aluminum Chloride	1	2	1	1
Acetoacetic Acid	1	2	3	X	Aluminum Ethylate	X	X	X	X
Acetone	1	4	4	2	Aluminum Fluoride	1	2	1	1
Acetone Cyanohydrin	1	2	3	X	Aluminum Fluorosilicate	X	X	X	X
Acetonitrile	1	X	1	1	Aluminum Formate	1	2	3	X
Acetophenetidine	4	X	1	X	Aluminum Hydroxide	1	2	2	1
Acetophenone	1	4	4	2	Aluminum Linoleate	4	2	1	X
Acetotoluidide	4	X	1	X	Aluminum Nitrate	1	2	1	1
Acetyl Acetone	1	4	4	2	Aluminum Oxalate	1	2	3	X
Acetyl Bromide	1	4	1	2	Aluminum Phosphate	1	2	1	1
Acetyl Chloride	4	4	1	2	Aluminum Potassium Sulfate	1	2	3	X
Acetylene	1	2	1	1	Aluminum Salts	1	1	1	1
Acetylene Tetrabromide	1	X	1	1	Aluminum Sodium Sulfate	1	2	3	X
Acetylene Tetrachloride	1	X	1	1	Aluminum Sulfate	1	1	1	1
Acetylsalicylic Acid	4	X	1	X	Alums-NH3 -Cr -K	1	1	4	2
Acids, Non-organic	X	X	X	X	Ambrex 33 (Mobil)	4	4	1	2
Acids, Organic	X	X	X	X	Ambrex 830 (Mobil)	3	2	1	2
Aconitic Acid	X	X	X	X	Amines-Mixed	2	2	4	3
Acridine	X	X	X	X	Aminoanthraquinone	X	X	X	X
Acrolein	1	2	3	X	Aminoazobenzene	X	X	X	X
Acrylic Acid	4	X	1	X	Aminobenzene Sulfonic Acid	X	X	X	X
Acrylonitrile	4	4	3	3	Aminobenzoic Acid	X	X	X	X
Adipic Acid	2	X	X	2	Aminopyridine	X	X	X	X
Aero Lubriplate	4	2	1	2	Aminosalicylic Acid	X	X	X	X
Aero Shell 17 Grease	4	2	1	2	Ammonia (Anhydrous)	1	2	4	2
Aero Shell 750	4	4	1	2	Ammonia and Lithium Metal in Solution	2	4	4	3
Aero Shell 7A Grease	4	2	1	2	Ammonia, Gas, Cold	1	1	4	2
Aero Shell IAC	4	2	1	2	Ammonia, Gas, Hot	2	X	4	2
Aerosafe 2300	1	3	4	2	Ammonia, Liquid (Anhydrous)	1	2	4	2
Aerosafe 2300W	1	3	4	2	Ammonium Acetate	1	2	3	X
Aerozene 50 (50% Hydrazine 50% UDMH)	1	4	4	2	Ammonium Arsenate	1	2	3	X
Air, Below 200° F	1	1	1	1	Ammonium Benzoate	1	2	3	X
Air, 200 - 300° F	2	1	1	1	Ammonium Bicarbonate	1	2	3	X
Air, 300 - 400° F	4	1	1	2	Ammonium Bisulfite	1	2	3	X
Air, 400 - 500° F	4	2	3	3	Ammonium Bromide	1	X	1	1
Aliphatic Dicarboxylic Acid	4	X	1	X	Ammonium Carbamate	1	2	3	X
Alkanes (Paraffin Hydrocarbons)	4	2	1	X	Ammonium Carbonate	1	X	1	1
Alkanesulfonic Acid	4	2	1	X	Ammonium Chloride, 2N	1	X	1	1
Alkazene	4	4	2	2	Ammonium Citrate	1	2	3	X
Alkenes (Olefin Hydrocarbons)	4	X	1	X	Ammonium Dichromate	1	2	3	X
Alkyl Acetone	1	2	3	X	Ammonium Diphosphate	1	2	3	X
Alkyl Alcohol	4	2	1	X	Ammonium Fluoride	1	X	1	1

Alkyl Amine	4	2	1	X	Ammonium Fluorosilicate	X	X	X	X
-------------	---	---	---	---	-------------------------	---	---	---	---

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Alkyl Aryl Sulfonates	4	2	1	X	Ammonium Formate	1	2	3	X
Alkyl Aryl Sulfonics	4	2	1	X	Ammonium Hydroxide, 3 Molar	1	1	3	2
Alkyl Benzene	4	X	1	X	Ammonium Hydroxide, Concentrated	1	1	4	2
Alkyl Chloride	4	X	1	X	Ammonium Iodide	1	X	1	1

Ammonium Lactate	1	2	3	X	AXAREL 9100	X	X	X	X
Ammonium Metaphosphate	1	2	3	X	Azobenzene	X	X	X	X
Ammonium Molybdenate	1	2	3	X	Bardol B	4	4	1	2
Ammonium Nitrate, 2N	1	X	X	2	Animal Fats	2	X	1	1
Ammonium Nitrite	1	2	X	2	Animal Oil (Lard Oil)	2	2	1	2
Ammonium Oxalate	1	2	3	X	Anisole	X	X	X	X
Ammonium Perchlorate	1	2	3	X	Anisoyl Chloride	X	X	X	X
Ammonium Perchloride	X	X	X	X	AN-O-3 Grade M	4	2	1	1
Ammonium Persulfate 10%	1	X	X	2	AN-O-366	4	4	1	2
Ammonium Persulfate Solution	1	X	X	2	AN-O-6	4	4	1	1
Ammonium Phosphate	1	1	4	2	Ansul Ether 161 or 181	3	4	4	3
Ammonium Phosphate, Dibasic	1	1	X	2	Anthracene	4	X	1	X
Ammonium Phosphate, Mono-Basic	1	1	X	2	Anthranilic Acid	X	X	X	X
Ammonium Phosphate, Tribasic	1	1	X	2	Anthraquinone	X	X	X	X
Ammonium Phosphite	1	2	3	X	Anti-freeze Solutions	1	2	3	X
Ammonium Picrate	1	2	3	X	Antimony Chloride	4	4	1	1
Ammonium Polysulfide	1	2	3	X	Antimony Pentachloride	4	4	1	1
Ammonium Salicylate	1	2	3	X	Antimony Pentafluoride	X	X	X	X
Ammonium Salts	1	1	3	2	Antimony Sulfate	X	X	X	X
Ammonium Sulfamate	1	2	3	X	Antimony Tribromide	4	4	1	1
Ammonium Sulfate	1	X	4	2	Antimony Trichloride	4	4	1	1
Ammonium Sulfate Nitrate	1	X	4	2	Antimony Trifluoride	4	4	1	1
Ammonium Sulfide	1	X	4	2	Antimony Trioxide	4	4	1	1
Ammonium Sulfite	1	2	3	X	AN-VV-O-366b Hydr. Fluid	4	4	1	1
Ammonium Thiocyanate	1	2	3	X	Aqua Regia	3	X	2	3
Ammonium Thioglycolate	1	2	3	X	Arachidic Acid	X	X	X	X
Ammonium Thiosulfate	1	2	3	X	Argon	1	1	1	1
Ammonium Tungstate	1	2	3	X	Aroclor, 1248	2	2	1	1
Ammonium Valerate	1	2	3	X	Aroclor, 1254	2	3	1	1
Amyl Acetate	3	4	4	3	Aroclor, 1260	X	1	1	1
Amyl Alcohol	1	4	2	1	Aromatic Fuel -50%	4	4	1	2
Amyl Borate	4	X	1	2	Arsenic Acid	1	1	1	1
Amyl Butyrate	4	2	1	X	Arsenic Oxide	X	X	X	X
Amyl Chloride	4	4	1	2	Arsenic Trichloride	4	X	4	X
Amyl Chloronaphthalene	4	4	1	2	Arsenic Trioxide	4	X	4	X
Amyl Cinnamic Aldehyde	4	X	1	X	Arsenic Trisulfide	4	X	4	X
Amyl Laurate	4	X	1	X	Arsenites	X	X	X	X
Amyl Mercaptan	4	X	1	X	Arsine	X	X	X	X
Amyl Naphthalene	4	4	1	2	Aryl Orthosilicate	X	X	X	X
Amyl Nitrate	1	2	3	X	Ascorbic Acid	1	2	3	X
Amyl Nitrite	1	2	3	X	Askarel Transformer Oil	4	4	1	2

Amyl Phenol	X	X	X	X	Aspartic Acid	1	2	3	X
Amyl Propionate	4	2	1	X	Asphalt	4	4	1	2

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Anderol, L- 826 (di-ester)	4	4	1	2	ASTM Oil, No. 1	4	1	1	1
Anderol, L- 829 (di-ester)	4	4	1	2	ASTM Oil, No. 2	4	4	1	1
Anderol, L-774 (di-ester)	4	4	1	2	ASTM Oil, No. 3	4	3	1	1
ANG-25 (Di-ester Base) (TG749)	4	2	1	2	ASTM Oil, No. 4	4	4	1	1
ANG-25 (Glycerol Ester)	1	2	1	1	ASTM Oil, No. 5	4	X	1	1
Aniline	2	4	3	2	ASTM Reference Fuel A	4	4	1	1
Aniline Dyes	2	3	2	2	ASTM Reference Fuel B	4	4	1	1
Aniline Hydrochloride	2	3	2	2	ASTM Reference Fuel C	4	4	1	1
Aniline Oil	2	4	3	2	ASTM Reference Fuel D	4	X	1	4
Aniline Sulfate	1	2	3	X	ATL-857	4	4	1	1
Aniline Sulfite	1	2	3	X	Atlantic Dominion F	4	4	1	2
AUREX 256	X	X	X	X	Atlantic Utro Gear-e	4	X	1	1
Automatic Transmission Fluid	4	4	1	2	Atlantic Utro Gear-EP Lube	4	4	1	2
Automotive Brake Fluid	1	3	4	2	Aure 903R (Mobil)	4	4	1	2

Barium Carbonate	1	2	3	X	Blast Furnace Gas	4	1	1	2
Barium Chlorate	1	2	3	X	Bleach Liquor	1	2	1	1
Barium Chloride	1	1	1	1	Bleach Solutions	1	X	1	X
Barium Cyanide	1	1	1	1	Borax	1	2	1	1
Barium Hydroxide	1	1	1	1	Borax Solutions	1	X	1	X
Barium Iodide	1	1	1	1	Bordeaux Mixture	1	2	1	1
Barium Nitrate	1	2	3	X	Boric Acid	1	1	1	1
Barium Oxide	1	1	1	1	Boric Oxide	1	2	3	X
Barium Peroxide	1	2	3	X	Borneol	4	X	1	X
Barium Polysulfide	1	2	3	X	Bornyl Acetate	4	X	1	X
Barium Salts	1	1	1	1	Bornyl Chloride	4	X	1	X
Barium Sulfate	1	X	1	1	Bornyl Formate	4	X	1	X
Barium Sulfide	1	1	1	1	Boron Fluids (HEF)	4	4	1	2
Bayol 35	4	4	1	2	Boron Hydride	X	X	X	X
Bayol D	4	4	1	2	Boron Phosphate	X	X	X	X
Beer	1	1	1	1	Boron Tribromide	X	X	X	X
Beet Sugar Liquids	1	X	1	1	Boron Trichloride	X	X	X	X
Beet Sugar Liquors	1	1	1	1	Boron Trifluoride	X	X	X	X
Benzaldehyde	1	2	4	2	Boron Trioxide	X	X	X	X
Benzaldehyde Disulfonic Acid	X	X	X	X	Brake Fluid DOT3 (Glycol Type)	1	3	4	2
Benzamide	4	X	1	X	Bray GG-130	4	4	1	2
Benzanthrone	4	X	1	X	Brayco 719-R (VV-H-910)	1	2	4	2
Benzene	4	4	1	2	Brayco 885 (MIL-L-6085A)	4	4	1	2
Benzene Hexachloride	X	X	X	X	Brayco 910	1	4	4	2
Benzenesulfonic Acid 10%	4	4	1	2	Bret 710	1	4	4	2
Benzidine	4	X	1	X	Brine	1	X	1	X
Benzidine 3 Sulfonic Acid	4	X	1	X	Brine (Seawater)	3	X	1	1
Benzil	4	X	1	X	Brom - 113	4	4	X	3
Benzilic Acid	4	X	1	X	Brom - 114	4	4	2	3
Benzine (Ligroin)	4	4	1	2	Bromic Acid	1	2	3	X
Benzocatechol	4	X	1	X	Bromine	4	4	1	2
Benzochloride	1	X	1	1	Bromine Pentafluoride	4	4	4	3
Benzoic Acid	4	4	1	2	Bromine Trifluoride	4	4	4	3
Benzooin	4	X	1	X	Bromine Water	2	4	1	3
Benzonitrile	1	2	3	X	Bromobenzene	4	4	1	2
Benzophenone	2	X	1	2	Bromobenzene Cyanide	1	2	3	X
Benzoquinone	2	X	1	2	Bromochlorotrifluoroethane (Halothane)	4	4	1	2
Benzotrithloride	1	X	1	1	Bromoform	4	X	1	X

Benzotrifluoride	1	X	1	1	Bromomethane (Methyl Bromide)	4	X	1	1
------------------	---	---	---	---	-------------------------------	---	---	---	---

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Benzoyl Chloride	X	X	1	X	Bromotrifluoroethylene (BFE)	X	X	X	X
Benzoyl Peroxide	X	X	X	X	Bromotrifluoromethane (F-13B1)	X	X	X	X
Benzoylsulfonic Acid	4	X	1	X	Brucine Sulfate	1	2	3	X
Benzyl Acetate	1	2	3	X	Buffered Oxide Etchants	X	X	X	X
Benzyl Alcohol	2	2	1	2	Bunker Oil	4	2	1	2
Benzyl Amine	X	X	X	X	Bunker's "C" (Fuel Oil)	X	X	1	X
Benzyl Benzoate	4	4	1	2	Butadiene (Monomer)	4	4	1	2
Benzyl Bromide	4	4	1	2	Butane	4	4	1	2
Benzyl Butyl Phthalate	1	2	3	X	Butane, 2, 2-Dimethyl	4	4	1	2
Benzyl Chloride	4	4	1	2	Butane, 2, 3-Dimethyl	4	4	1	2
Benzyl Phenol	4	X	1	X	Butanedial	1	2	3	X
Benzyl Salicylate	4	X	1	X	Butanol (Butyl Alcohol)	2	2	1	1
Beryllium Chloride	1	3	1	1	Butene 2-Ethyl (1-	4	4	1	1
Beryllium Fluoride	1	3	1	1	Butter-Animal Fat	1	2	1	1
Beryllium Oxide	1	3	1	1	Butyl Acetate or n-Butyl Acetate	2	X	4	4
Beryllium Sulfate	1	2	3	X	Butyl Acetyl Ricinoleate	1	X	1	1
Bismuth Carbonate	1	2	3	X	Butyl Acrylate	1	2	4	4
Bismuth Nitrate	1	2	3	X	Butyl Alcohol	2	2	1	1
Bismuth Oxychloride	1	2	3	X	Butyl Alcohol (Secondary)	2	2	1	1
Bittern	X	X	X	X	Butyl Alcohol (Tertiary)	2	2	1	1
Black Liquor	1	X	1	1	Butyl Amine or N-Butyl Amine	3	4	4	3
Black Point 77	1	3	1	1	Butyl Benzoate	1	2	3	X
Butyl Benzoate or n-Butyl Benzoate	1	X	1	4	Calcium Phosphate	1	1	1	1
Butyl Benzolate	X	X	X	X	Calcium Phosphate Acid	1	2	3	X
Butyl Butyrate or n-Butyl Butyrate	1	X	1	4	Calcium Propionate	1	2	3	X
Butyl Carbitol	1	4	3	2	Calcium Pyridine Sulfonate	X	X	X	X
Butyl Cellosolve	2	X	4	2	Calcium Salts	1	2	1	1
Butyl Cellosolve Acetate	1	2	3	X	Calcium Silicate	1	X	1	1
Butyl Cellosolve Adipate	2	2	2	2	Calcium Stearate	4	X	1	X
Butyl Chloride	4	2	1	X	Calcium Sulfamate	4	X	1	X
Butyl Ether or n-Butyl Ether	3	X	4	4	Calcium Sulfate	1	2	3	X
Butyl Glycolate	1	2	3	X	Calcium Sulfide	1	1	1	1
Butyl Lactate	1	2	3	X	Calcium Sulfite	1	1	1	1
Butyl Laurate	1	2	3	X	Calcium Thiocyanate	1	2	3	X
Butyl Mercaptan (Tertiary)	4	X	1	4	Calcium Thiosulfate	1	1	1	1
Butyl Methacrylate	1	2	3	X	Calcium Tungstate	1	2	3	X
Butyl Oleate	2	X	1	2	Caliche Liquors	1	2	1	1
Butyl Oxalate	1	2	3	X	Camphene	4	X	1	X
Butyl Stearate	4	X	1	2	Camphor	4	X	1	X
Butylbenzoic Acid	4	X	1	X	Camphoric Acid	4	X	1	X
Butylene	4	4	1	2	Cane Sugar Liquors	1	1	1	1
Butyraldehyde	2	4	4	2	Capric Acid	4	2	1	X
Butyric Acid	2	X	2	1	Caproic Acid	4	2	1	X
Butyric Anhydride	1	2	3	X	Caproic Aldehyde	2	2	4	3
Butyrolactone	1	2	3	X	Caprolactam	4	2	1	X
Butyryl Chloride	4	X	1	X	Capronaldehyde	4	2	1	X
Cadmium Chloride	1	2	3	X	Carbamate	2	X	1	1
Cadmium Cyanide	1	2	3	X	Carbazole	X	X	X	X
Cadmium Nitrate	1	2	3	X	Carbitol	2	2	2	1
Cadmium Oxide	1	2	3	X	Carbolic Acid (Phenol)	2	4	1	1
Cadmium Sulfate	1	2	3	X	Carbon Bisulfide	4	4	1	2
Cadmium Sulfide	1	2	3	X	Carbon Dioxide	1	1	1	1

Calcine Liquors	1	X	1	1	Carbon Dioxide (Explosive Decompression Use)	1	1	1	1
Calcium Acetate	1	4	4	2	Carbon Disulfide	4	4	1	2

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Calcium Arsenate	1	2	3	X	Carbon Fluorides	4	4	1	2
Calcium Benzoate	4	X	1	X	Carbon Monoxide	1	1	1	1
Calcium Bicarbonate	1	2	3	X	Carbon Tetrabromide	X	X	X	X
Calcium Bisulfide	1	2	3	X	Carbon Tetrachloride	4	4	1	2
Calcium Bisulfite	1	3	2	1	Carbon Tetrafluoride	4	4	1	2
Calcium Bromide	1	1	1	1	Carbonic Acid	1	1	1	1
Calcium Carbide	X	X	X	X	Casein	1	2	3	X
Calcium Carbonate	1	1	1	1	Castor Oil	2	1	1	1
Calcium Chlorate	1	2	3	X	Caustic Lime	1	2	3	X
Calcium Chloride	1	1	1	1	Caustic Potash	1	2	3	X
Calcium Chromate	1	2	3	X	Caustic Soda (Sodium Hydroxide)	1	2	3	X
Calcium Cyanamide	X	X	X	X	Cellosolve	2	4	4	3
Calcium Cyanide	1	1	X	1	Cellosolve, Acetate	2	4	4	2
Calcium Fluoride	1	1	1	1	Cellosolve, Butyl	2	4	4	2
Calcium Gluconate	1	2	3	X	Celluguard	1	1	1	1
Calcium Hydride	1	1	1	1	Cellulose Acetate	1	2	3	X
Calcium Hydrosulfide	1	2	3	X	Cellulose Acetate Butyrate	1	2	3	X
Calcium Hydroxide	1	1	1	1	Cellulose Ether	1	2	3	X
Calcium Hypochlorite	1	2	1	1	Cellulose Nitrate	1	2	3	X
Calcium Hypophosphite	1	2	3	X	Cellulose Tripropionate	1	2	3	X
Calcium Lactate	1	2	3	X	Cellulube (Phosphate Esters)	X	X	X	X
Calcium Naphthenate	X	X	X	X	Cellutherm 2505A	4	4	1	2
Calcium Nitrate	1	2	1	1	Cerium Sulfate	1	2	3	X
Calcium Oxalate	1	2	3	X	Cerous Chloride	1	2	3	X
Calcium Oxide	1	1	1	1	Cerous Fluoride	1	2	3	X
Calcium Permanganate	X	X	X	X	Cerous Nitrate	1	2	3	X
Calcium Peroxide	X	X	X	X	Cetane (Hexadecane)	4	4	1	2
Calcium Phenolsulfonate	1	2	3	X	Cetyl Alcohol	4	2	1	X
Chaulmoogric Acid	X	X	X	X	Chrome Plating Solutions	2	2	1	1
China Wood Oil (Tung Oil)	4	4	1	2	Chromic Acid	2	X	1	X
Chloral	1	2	3	X	Chromic Chloride	X	X	X	X
Chloramine	X	X	X	X	Chromic Fluorides	X	X	X	X
Chloranthraquinone	4	X	1	X	Chromic Hydroxide	X	X	X	X
Chlordane	4	4	1	2	Chromic Nitrates	X	X	X	X
Chlorextol	4	4	1	2	Chromic Oxide	2	X	1	1
Chloric Acid	1	2	3	X	Chromic Phosphate	X	X	X	X
Chlorinated Solvents, Dry	4	4	1	2	Chromic Sulfate	X	X	X	X
Chlorinated Solvents, Wet	4	4	1	2	Chromium Potassium Sulfate (Alum)	2	X	1	2
Chlorine (Dry)	4	X	1	X	Chromyl Chlorides	X	X	X	X
Chlorine (Plasma)	X	X	X	X	Cinnamic Acid	4	X	1	X
Chlorine (Wet)	X	X	X	X	Cinnamic Alcohol	4	X	1	X
Chlorine Dioxide	3	X	1	2	Cinnamic Aldehyde	4	X	1	X
Chlorine Dioxide, 8% Cl as NaClO2 in solution	4	X	1	2	Circo Light Process Oil	4	4	1	2
Chlorine Trifluoride	4	4	4	4	Citric Acid	1	1	1	1
Chlorine Water	2	X	1	1	City Service #65 #120 #250	4	4	1	2
Chloro 1-Nitro Ethane (1-Chloro 1-Nitro Ethane)	4	4	4	3	City Service Koolmoter-AP Gear Oil 140-EP Lube	4	4	1	2
Chloro Oxyfluorides	X	X	X	X	City Service Pacemaker #2	4	4	1	2
Chloro Xylenols	4	X	1	X	Clorox	2	X	1	X
Chloroacetaldehyde	1	2	3	X	Coal Tar	X	X	1	X
Chloroacetic Acid	2	X	4	2	Cobalt Chloride	1	2	1	1
Chloroacetone	1	4	4	2	Cobalt Chloride, 2N	1	1	1	1
Chloroacetyl Chloride	X	X	X	X	Cobaltous Acetate	1	2	3	X

Chloroamino Benzoic Acid	1	2	3	X	Cobaltous Bromide	1	1	1	1
Chloroaniline	1	2	3	X	Cobaltous Linoleate	X	X	X	X
Chlorobenzaldehyde	1	2	3	X	Cobaltous Naphthenate	X	X	X	X
Chlorobenzene	4	4	1	2	Cobaltous Sulfate	1	2	3	X

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Chlorobenzene (Mono)	4	4	1	2	Coconut Oil	3	1	1	2
Chlorobenzene Chloride	4	X	1	X	Cod Liver Oil	1	2	1	1
Chlorobenzene Trifluoride	4	X	1	X	Codeine	4	X	1	X
Chlorobenzochloride	4	X	1	X	Coffee	1	1	1	1
Chlorobenzotrifluoride	4	X	1	X	Coke Oven Gas	4	2	1	2
Chlorobromo Methane	2	4	1	1	Coliche Liquors	2	X	X	2
Chlorobromopropane	4	X	1	X	Convelex 10	X	4	X	X
Chlorobutadiene	4	4	1	2	Coolanol 20 25R 35R 40& 45A (Monsanto)	3	4	1	2
Chlorobutane (Butyl Chloride)	4	2	1	X	Copper Acetate	1	4	4	2
Chlorododecane	4	4	1	2	Copper Ammonium Acetate	1	2	3	X
Chloroethane	4	2	1	X	Copper Carbonate	1	2	3	X
Chloroethane Sulfonic Acid	1	2	3	X	Copper Chloride	1	1	1	1
Chloroethylbenzene	4	X	1	X	Copper Cyanide	1	1	1	1
Chloroform	4	4	1	2	Copper Gluconate	1	2	3	X
Chlorohydrin	1	2	3	X	Copper Naphthenate	X	X	X	X
Chloronaphthalene or o-Chloronaphthalene	4	4	1	X	Copper Nitrate	2	X	1	2
Chloronitrobenzene	1	2	3	X	Copper Oxide	1	1	1	1
Chlorophenol or o-Chlorophenol	4	4	1	X	Copper Salts	1	1	1	1
Chloropicrin	4	X	1	X	Copper Sulfate	1	1	1	1
Chloroprene	4	X	1	X	Copper Sulfate 10%	1	1	1	1
Chlorosilanes	X	X	X	X	Copper Sulfate 50%	1	1	1	1
Chlorosulfonic Acid	4	4	4	4	Corn Oil	3	1	1	2
Chlorotoluene	4	4	1	2	Cottonseed Oil	3	1	1	2
Chlorotoluene Sulfonic Acid	1	2	3	X	Creosote, Coal Tar	4	4	1	2
Chlorotoluidine	4	X	1	X	Creosote, Wood	4	4	1	2
Chlorotrifluoroethylene (CTFE)	X	X	X	X	Cresol (Methyl Phenol)	X	X	1	X
Chlorox	2	X	1	1	Cresols	4	4	2	2
Chloroxylols	X	X	X	X	Cresylic Acid	4	4	1	2
Cholesterol	4	X	1	X	Crotonaldehyde	4	X	1	X
Chrome Alum	1	1	1	1	Crotonic Acid	4	X	1	X
Crude Oil	4	4	1	2	Dichloroaniline	1	2	3	X
Cumaldehyde	4	X	1	X	Dichlorobenzene or o-Dichlorobenzene	4	X	1	4
Cumene	4	4	1	2	Dichlorobenzene or p-Dichlorobenzene	4	X	1	4
Cumene Hydroperoxide	X	X	X	X	Dichlorobutane	4	4	1	2
Cupric Sulfate	2	X	1	2	Dichlorobutene	4	X	1	X
Cutting Oil	4	4	1	2	Dichlorodiphenyl-Dichloroethane (DDD)	4	X	1	X
Cyanamide	X	X	X	X	Dichloroethane	4	X	1	X
Cyanides	X	X	X	X	Dichloroethylene	4	X	1	X
Cyanogen Chloride	X	X	X	X	Dichlorohydrin	1	2	3	X
Cyanogen Gas	X	X	X	X	Dichloroisopropyl Ether	3	4	3	3
Cyanohydrin	X	X	X	X	Dichloromethane	4	X	1	X
Cyanuric Chloride	X	X	X	X	Dichlorophenol	4	X	1	X
Cyclohexane	4	4	1	2	Dichlorophenoxyacetic Acid	4	X	1	X
Cyclohexanol	4	4	1	2	Dichloropropane	4	X	1	X
Cyclohexanone	2	4	4	3	Dichloropropene	4	X	1	X
Cyclohexene	4	X	1	X	Dichlorosilane	X	X	X	X
Cyclohexylamine	4	2	1	X	Dicyclohexylamine	4	2	4	4
Cyclohexylamine Carbonate	X	X	X	X	Dicyclohexylammonium Nitrate	1	2	3	X

Cyclohexylamine Laurate	4	2	1	X	Dieldrin	4	X	1	X
Cyclopentadiene	4	X	1	X	Diesel Oil	4	4	1	2
Cyclopentane	4	4	1	2	Di-ester Lubricant MIL-L-7808	4	4	1	2
Cyclopolyolefins	4	4	1	2	Di-ester Synthetic Lubricants	4	4	1	2
Cymene or p-Cymene	4	4	1	X	Diethanolamine (DEA)	1	2	3	X

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
DDT (Dichlorodiphenyltrichloroethane)	4	X	1	X	Diethyl Benzene	X	X	1	X
Decalin	4	4	1	2	Diethyl Carbonate	1	2	3	X
Decane	4	2	1	2	Diethyl Ether	4	4	4	4
Delco Brake Fluid	1	3	4	2	Diethyl Phthalate	4	X	1	X
Denatured Alcohol	1	1	1	1	Diethyl Sebacate	2	2	2	2
Detergent, Water Solution	1	1	1	1	Diethyl Sulfate	1	2	3	2
Developing Fluids (Photo)	2	1	1	1	Diethylamine	1	2	4	X
Dexron	4	4	1	2	Diethylaniline	1	2	3	X
Dextrin	4	2	1	X	Diethylene Glycol	1	2	1	1
Dextro Lactic Acid	1	2	3	X	Diethylenetriamine	X	X	X	X
Dextron	4	X	1	1	Difluorodibromomethane	2	4	X	2
Dextrose	1	2	3	X	Difluoroethane	4	X	1	X
DI Water	1	2	2	X	Difluoromono-chloroethane	4	X	1	X
Diacetone	1	4	4	2	Diglycol Chloroformate	1	2	3	X
Diacetone Alcohol	1	4	4	2	Diglycolic Acid	1	2	3	X
Dialkyl Sulfates	1	2	3	X	Dihydroxydiphenylsulfone	1	2	3	X
Diallyl Ether	X	X	X	X	Diisobutyl Ketone	1	X	X	1
Diallyl Phthalate	X	X	X	X	Diisobutylcarbinol	4	2	1	X
Diamylamine	4	2	1	X	Diisobutylene	4	4	1	2
Diazinon	4	4	2	2	Diisooctyl Sebacate	3	3	2	2
Dibenzyl (sym-Diphenylethane)	4	X	1	X	Diisopropyl Ether (DIPE)	X	X	X	X
Dibenzyl Ether	2	X	4	2	Diisopropyl Ketone	1	4	4	2
Dibenzyl Sebacate	2	3	2	2	Diisopropylbenzene	4	X	1	X
Diborane	X	X	X	X	Diisopropylidene Acetone	4	X	1	X
Dibromoethane	4	X	1	X	Dimethyl Acetamide	1	2	3	X
Dibromoethyl Benzene	4	4	1	2	Dimethylaniline (Xylidine)	4	X	1	X
Dibutyl Cellosolve Adipate	1	2	3	X	Dimethyldisulfide (DMS)	4	2	1	X
Dibutyl Ether	3	4	3	3	Dimethyl Ether	2	X	2	4
Dibutyl Methylene-dithio Glycolate	4	X	1	X	Dimethyl Formaldehyde	1	2	3	X
Dibutyl Phthalate	2	2	3	3	Dimethyl Formamide (DMF)	1	2	4	2
Dibutyl Sebacate	2	2	2	2	Dimethylhydrazine	1	2	3	X
Dibutyl Thioglycolate	4	X	1	X	Dimethyl Phenyl Carbinol	4	X	1	X
Dibutyl Thiourea	4	X	1	X	Dimethyl Phenyl Methanol	4	X	1	X
Dibutylamine	1	3	4	4	Dimethyl Phthalate	2	X	2	2
Dichloroacetic Acid	4	X	1	X	Dimethyl Sulfoxide (DMSO)	1	2	3	X
Dimethyl Terephthalate (DMT)	4	X	1	X	Esso XP90-EP Lubricant	4	4	1	X
Dimethylamine (DMA)	1	2	4	2	Esstic 42, 43	4	4	1	X
Dinitrochlorobenzene	4	X	1	X	Ethane	4	4	1	X
Dinitrogen Tetroxide	X	X	X	X	Ethanol	1	2	3	X
Dinitrotoluene (DNT)	4	4	4	4	Ethanol Amine	1	2	4	X
Diocetyl Phthalate	2	3	2	2	Ethers	3	4	3	X
Diocetyl Sebacate	2	3	2	2	Ethoxyethyl Acetate (EGMEEA)	1	2	3	X
Diocetylamine	4	2	1	X	Ethyl Acetate-Organic Ester	2	2	4	X

Dioxane	2	4	4	3	Ethyl Acetoacetate	2	2	4	X
Dioxolane	2	4	4	3	Ethyl Acrylate	2	2	4	X
Dipentene	4	4	1	2	Ethyl Alcohol	1	2	3	X
Diphenyl	4	4	1	2	Ethyl Ammonium Dichloride	X	X	X	X
Diphenyl Oxides	4	3	1	2	Ethyl Benzene	4	4	1	X
Diphenylamine (DPA)	4	X	1	X	Ethyl Benzoate	4	4	1	X
Diphenylene Oxide	X	X	X	X	Ethyl Bromide	4	X	1	X
Diphenylpropane	4	X	1	X	Ethyl Cellosolve	2	4	4	X
Disilane	X	X	X	X	Ethyl Cellulose	2	2	4	X

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Di-Tert-Butyl Peroxide	X	X	X	X	Ethyl Chloride	3	4	1	X
Dodecylbenzene	4	X	1	X	Ethyl Chlorocarbonate	2	4	1	X
Dow Chemical 50-4	1	X	4	2	Ethyl Chloroformate	2	4	4	X
Dow Chemical ET378	X	4	X	X	Ethyl Ether	3	4	4	X
Dow Chemical ET588	1	X	4	2	Ethyl Formate	2	X	1	X
Dow Corning -11	1	2	1	1	Ethyl Hexanol	1	2	1	X
Dow Corning 1208, 4050, 6620, F-60, XF-60	1	X	1	1	Ethyl Lactate	1	2	3	X
Dow Corning -1265 Fluorosilicone Fluid	1	1	1	1	Ethyl Mercaptan	X	3	2	X
Dow Corning -200	1	3	1	1	Ethyl Nitrite	1	2	3	X
Dow Corning -220	1	X	1	1	Ethyl Oxalate	1	4	2	X
Dow Corning -3	1	2	1	X	Ethyl Pentachlorobenzene	4	4	1	X
Dow Corning -33	1	3	1	X	Ethyl Pyridine	4	X	1	X
Dow Corning -4	1	2	1	X	Ethyl Silicate	1	X	1	X
Dow Corning -44	1	3	1	X	Ethyl Stearate	4	X	1	X
Dow Corning -5	1	3	1	X	Ethyl Sulfate	1	X	4	1
Dow Corning -510	1	3	1	X	Ethyl Tertiary Butyl Ether	X	X	X	X
Dow Corning -55	1	3	1	X	Ethyl Valerate	4	X	1	X
Dow Corning -550	1	3	1	X	Ethylacrylic Acid	2	4	X	X
Dow Corning -704	1	3	1	X	Ethylamine	1	2	3	X
Dow Corning -705	1	3	1	X	Ethylcyclopentane	4	4	1	X
Dow Corning -710	1	3	1	X	Ethylene	4	4	2	X
Dow Corning F-61	1	X	1	1	Ethylene Chloride	4	4	2	X
Dow Guard	1	1	1	X	Ethylene Chlorohydrin	2	3	1	X
Dowanol P Mix	X	X	X	X	Ethylene Cyanohydrin	4	X	1	X
Dowtherm, 209	1	3	4	X	Ethylene Diamine	1	1	4	X
Dowtherm, A	4	4	1	X	Ethylene Dibromide	3	4	1	X
Dowtherm, E	4	4	1	X	Ethylene Dichloride	3	4	1	X
Drinking Water	1	1	1	X	Ethylene Glycol	1	1	1	X
Dry Cleaning Fluids	4	4	1	X	Ethylene Hydrochloride	3	4	1	X
DTE 20 Series, Mobil	4	4	1	2	Ethylene Oxide	3	4	4	X
DTE named series, Mobil, light-heavy	4	3	1	2	Ethylene Oxide, (12%) and Freon 12 (80%)	2	4	4	X
Elco 28-EP lubricant	4	2	1	X	Ethylene Trichloride	3	4	1	X
Epichlorohydrin	2	4	4	X	Ethyleneimine	X	X	X	X
Epoxy Resins	1	X	4	X	Ethylmorpholine Stannous Octotate (50/50 mixture)	2	X	4	X
Erucic Acid	X	X	X	X	Ethylmorpholine	4	X	1	X
Esam-6 Fluid	1	X	4	X	Ethylsulfuric Acid	1	2	3	X
Esso Fuel 208	4	4	1	X	F-60 Fluid (Dow Corning)	1	4	1	X
Esso Golden Gasoline	4	4	1	X	F-61 Fluid (Dow Corning)	1	4	1	X
Esso Motor Oil	4	4	1	X	Fatty Acids	3	3	1	X
Esso Transmission Fluid (Type A)	4	4	1	X	FC-43 Heptacosofluorotri-butylamine	1	1	1	X
Esso WS2812 (MIL-L-7808A)	4	4	1	X	FC75 & FC77 (Fluorocarbon)	1	1	2	X

Ferric Acetate	1	2	3	X	Freon, BF (R112)	4	4	1	X
Ferric Ammonium Sulfate	1	2	3	X	Freon, C316	1	X	1	X
Ferric Chloride	1	2	1	X	Freon, C318	1	X	2	X
Ferric Ferrocyanide	1	2	3	X	Freon, K-142b	1	X	4	X
Ferric Hydroxide	1	2	3	X	Freon, K-152a	1	X	4	X

Ferric Nitrate	1	2	1	X	Freon, MF (R11)	4	4	2	X
Ferric Persulfate	1	X	1	1	Freon, PCA (R113)	4	4	2	X
Ferric Sulfate	1	X	1	1	Freon, TA	2	X	3	X
Ferrous Ammonium Citrate	1	2	3	X	Freon, TC	2	X	1	X
Ferrous Ammonium Sulfate	1	2	3	X	Freon, TF (R113)	4	4	2	X
Ferrous Carbonate	1	2	3	X	Freon, TMC	3	X	1	X
Ferrous Chloride	X	X	X	X	Freon, T-P35	1	X	1	X
Ferrous Iodide	1	2	3	X	Freon, T-WD602	2	X	1	X
Ferrous Sulfate	1	2	3	X	Fuel Oil, #6	4	1	1	X

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Ferrous Tartrate	1	2	3	X	Fuel Oil, 1, and 2	4	4	1	X
Fish Oil	4	X	1	X	Fuel Oil, Acidic	4	1	1	X
Fisher Reagent	2	X	X	X	Fumaric Acid	2	2	1	X
Fluorinated Cyclic Ethers	1	X	X	X	Fuming Sulphuric Acid (20/25% Oleum)	4	4	1	X
Fluorine (Gas)	X	X	X	X	Furaldehyde	2	X	4	4
Fluorine (Liquid)	4	X	2	X	Furan (Furfuran)	3	X	1	X
Fluorobenzene	4	X	1	X	Furfural (Furfuraldehyde)	2	4	4	X
Fluoroboric Acid	1	X	X	X	Furfuraldehyde	2	4	4	X
Fluorocarbon Oils	1	X	X	X	Furfuryl Alcohol	2	4	X	X
Fluoroform (Trifluoromethane)	X	X	X	X	Furoic Acid	X	X	X	X
Fluorolube	1	1	2	X	Furyl Carbinol	2	4	X	X
Fluorophosphoric Acid	X	X	X	X	Fyrquel 150 220 300 550	1	1	1	X
Fluorosilicic Acid	2	X	2	1	Fyrquel 90, 100, 500	1	X	1	1
Fluorosulfonic Acid	X	X	X	X	Fyrquel A60	2	X	4	2
Formaldehyde	2	2	4	X	Gallic Acid	2	X	1	X
Formamide	1	2	3	X	Gasoline	4	4	1	X
Formic Acid	1	X	4	3	Gelatin	1	1	1	X
Freon, 11	4	4	2	X	Germane (Germanium Tetrahydride)	X	X	X	X
Freon, 112 (Tetrachlorodifluoroethane)	4	4	1	X	Girling Brake Fluid	1	X	4	X
Freon, 113	4	4	2	X	Glauber's Salt	2	X	1	X
Freon, 113 + High and Low Aniline Oil	X	X	X	4	Gluconic Acid	1	2	3	X
Freon, 114	1	4	1	X	Glucose	1	1	1	X
Freon, 114B2	4	4	2	X	Glue	X	X	X	X
Freon, 115, 116	1	X	2	X	Glutamic Acid	1	2	3	X
Freon, 12	3	4	3	X	Glycerine (Glycerol)	1	1	1	X
Freon, 12 and ASTM Oil #2 (50/50 Mixture)	4	4	1	X	Glycerol Dichlorohydrin	1	2	3	X
Freon, 12 and Suniso 4G (50/50 Mixture)	4	4	1	X	Glycerol Monochlorohydrin	1	2	3	X
Freon, 123 (Dichlorotrifluoroethane)	X	X	X	X	Glycerol Triacetate	1	2	3	X
Freon, 124 (Chlorotetrafluoroethane)	X	X	X	X	Glycerophosphoric Acid	1	2	3	X
Freon, 125 (Pentafluoroethane)	X	X	X	X	Glyceryl Phosphate	1	2	3	X
Freon, 13	1	4	1	X	Glycidol	1	2	3	X
Freon, 134a (Tetrafluoroethane)	X	X	X	X	Glycol Monoether	X	X	X	X
Freon, 13B1	1	4	1	X	Glycolic Acid	1	2	3	X
Freon, 14	1	4	1	X	Glycols	1	1	1	X
Freon, 141b (Dichlorofluoroethane)	X	X	X	X	Glyoxylic Acid	1	2	3	X
Freon, 142b	4	X	2	4	Grease Petroleum Base	4	4	1	X
Freon, 152a (Difluoroethane)	X	X	X	X	Green Sulfate Liquor	1	X	1	X
Freon, 21	4	4	4	X	Gulf Endurance Oils	4	4	1	X
Freon, 218	1	X	1	X	Gulf FR Fluids (Emulsion)	4	4	1	X
Freon, 23 (Fluoroform)	X	X	X	X	Gulf FR G-Fluids	1	1	1	X

Freon, 31	1	X	4	X	Gulf FR P-Fluids	2	1	2	X
Freon, 32	1	X	4	X	Gulf Harmony Oils	4	4	1	X
Freon, 502	1	X	2	X	Gulf Paramount Oils	4	4	1	X
Gulf Security Oils	4	4	1		Hydrobromic Acid 40%	1	4	1	X
Gulfcrown Grease	4	4	1	X	Hydrocarbons, Saturated	4	4	1	X
Halothane	4	4	1	X	Hydrochloric Acid (cold) 37%	3	X	1	1
Halowax Oil	4	4	1	X	Hydrochloric Acid (hot) 37%	3	X	1	X

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Hannifin Lube A	4	2	1	X	Hydrochloric Acid, 3 Molar to 158°F	1	4	1	X
Heavy Water	1	1	X	X	Hydrochloric Acid, Concentrated Room Temp.	2	X	1	X
HEF-2 (High Energy Fuel)	4	4	1	X	Hydrochloric Acid, Concentrated to 158°F	4	4	1	X
Helium	1	1	1	X	Hydrocyanic Acid	1	3	1	X
Heptachlor	4	X	1	X	Hydro-Drive MIH-10 (Petroleum Base)	4	2	1	X
Heptachlorobutene	4	X	1	X	Hydro-Drive MIH-50 (Petroleum Base)	4	2	1	X
Heptaldehyde (Heptanal)	4	2	1	X	Hydrofluoric Acid (Anhydrous)	X	X	X	X
Heptane or n-Heptane	4	4	1	X	Hydrofluoric Acid (conc.) Cold	X	X	X	X
Heptanoic Acid	4	2	1	X	Hydrofluoric Acid (conc.) Hot	4	X	3	X
Hexachloroacetone	1	2	3	X	Hydrofluorosilicic Acid	1	4	1	X
Hexachlorobutadiene	4	X	1	X	Hydrogen Bromide (Anhydrous)	X	X	X	X
Hexachlorobutene	4	X	1	X	Hydrogen Chloride (Anhydrous)	X	X	X	X
Hexachloroethane	4	X	1	X	Hydrogen Chloride gas	1	X	1	1
Hexaethyl Tetraphosphate	X	X	X	X	Hydrogen Cyanide	X	X	X	X
Hexafluoroethane (F-116)	X	X	X	X	Hydrogen Fluoride	X	X	X	X
Hexafluoroxylene	X	X	X	X	Hydrogen Fluoride (Anhydrous)	1	X	4	2
Hexafluoroxylene	X	X	X	X	Hydrogen Gas, Cold	1	3	1	X
Hexaldehyde or n-Hexaldehyde	1	2	4	X	Hydrogen Gas, Hot	1	3	1	X
Hexamethyldisilazane	X	X	X	X	Hydrogen Iodide (Anhydrous)	X	X	X	X
Hexamethylene (Cyclohexane)	4	2	1	X	Hydrogen Peroxide	1	1	1	X
Hexamethylene Diammonium Adipate	4	X	1	X	Hydrogen Peroxide 90%	3	2	1	X
Hexamethylenediamine	1	2	3	X	Hydrogen Selenide	X	X	X	X
Hexamethylenetetramine	1	2	3	X	Hydrogen Sulfide, Dry, Cold	1	3	4	X
Hexane or n-Hexane	4	4	1	X	Hydrogen Sulfide, Dry, Hot	1	3	4	X
Hexene-1 or n-Hexene-1	4	4	1	X	Hydrogen Sulfide, Wet, Cold	1	3	4	X
Hexone (Methyl Isobutyl Ketone)	1	2	3	X	Hydrogen Sulfide, Wet, Hot	1	3	4	X
Hexyl Acetate	4	2	1	X	Hydrolube-Water/Ethylene Glycol	1	2	1	X
Hexyl Alcohol	3	2	1	X	Hydrooxycitronellal	X	X	1	X
Hexylene Glycol	1	2	3	X	Hydroquinol	4	X	1	X
Hexylresorcinol	4	X	1	X	Hydroquinone	2	X	2	X
High Viscosity Lubricant, H2	1	1	1	X	Hydroxyacetic Acid	1	2	3	X
High Viscosity Lubricant, U4	1	1	1	X	Hydyne	1	4	4	X
HiLo MS #1	1	3	4	X	Hyjet	1	X	4	2

Houghto-Safe 1010 phosphate ester	1	3	1	X	Hyjet IV and IVA	1	4	4	X
Houghto-Safe 1055 phosphate ester	1	3	1	X	Hyjet S4	1	X	4	2
Houghto-Safe 1120 phosphate ester	2	3	1	X	Hyjet W	1	X	4	2
Houghto-Safe 271 (Water & Glycol Base)	1	2	2	X	Hypochlorous Acid	2	X	1	X
Houghto-Safe 416 & 500 Series	1	X	X	X	Indole	X	X	1	X
Houghto-Safe 5040 (Water/Oil emulsion)	4	3	1	X	Industron FF44	4	4	1	X

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Houghto-Safe 620 Water/Glycol	1	2	2	X	Industron FF48	4	4	1	X
Hydraulic Oil (Petroleum Base, Industrial)	4	2	1	X	Industron FF53	4	4	1	X
Hydraulic Oils (Synthetic Base)	4	X	1	X	Industron FF80	4	4	1	X
Hydrazine	1	2	4	X	Insulin	1	2	3	X
Hydrazine (Anhydrous)	2	X	4	X	Iodic Acid	1	2	3	X
Hydrazine Dihydrochloride	1	2	3	2	Iodine	2	X	1	X
Hydrazine Hydrate	1	2	3	X	Iodine Pentafluoride	4	4	4	X
Hydriodic Acid	4	X	1	X	Iodoform	4	X	1	X
Hydroabetyl Alcohol	X	X	X	X	Isoamyl Acetate	1	2	3	X
Hydrobromic Acid	1	4	1	X	Isoamyl Butyrate	1	2	3	X
Isoamyl Valerate	1	2	3	X	Lehigh X1169	4	4	1	X
Isoboreol	X	X	1	X	Lehigh X1170	4	4	1	X
Isobutane	4	2	1	X	Light Grease	4	X	1	1
Isobutyl Acetate	1	2	3	X	Ligroin (Petroleum Ether or Benzene)	4	4	1	X
Isobutyl Alcohol	1	1	1	X	Lime Bleach	1	X	1	1
Isobutyl Chloride	4	X	1	4	Lime Sulfur	X	X	1	X
Isobutyl Ether	4	X	4	4	Lindol, Hydraulic Fluid (Phosphate ester type)	1	3	2	X
Isobutyl Methyl Ketone	1	2	3	X	Linoleic Acid	4	2	2	X
Isobutyl n-Butyrate	1	X	1	X	Linseed Oil	3	1	1	X
Isobutyl Phosphate	1	2	3	X	Liquid Oxygen (LOX)	4	4	4	X
Isobutylene	X	X	1	X	Liquid Petroleum Gas (LPG)	4	3	1	X
Isobutyraldehyde	2	X	4	4	Liquimoly	4	4	1	X
Isobutyric Acid	2	2	4	3	Lithium Bromide (Brine)	1	2	3	X
Isocrotyl Chloride	X	X	1	X	Lithium Carbonate	1	2	3	X
Isodecanol	4	2	1	X	Lithium Chloride	1	2	3	X
Isododecane	4	4	1	X	Lithium Citrate	1	2	3	X
Isoeugenol	4	2	1	X	Lithium Hydroxide	1	2	3	X
Isooctane	4	4	1	X	Lithium Hypochlorite	1	2	3	X
Isopentane	4	2	1	X	Lithium Nitrate	1	2	3	X
Isophorone (Ketone)	2	4	4	X	Lithium Nitrite	1	2	3	X
Isopropanol	1	1	1	X	Lithium Perchlorate	1	2	3	X
Isopropyl Acetate	2	4	4	X	Lithium Salicylate	1	2	3	X
Isopropyl Alcohol	1	1	1	X	Lithopone	1	2	3	X
Isopropyl Chloride	4	4	1	X	Lubricating Oils (Crude & Refined)	4	X	1	1
Isopropyl Ether	4	4	4	X	Lubricating Oils (Synthetic base)	X	X	1	X
Isopropylacetone	1	2	3	X	Lubricating Oils, Di-ester	4	4	1	X
Isopropylamine	1	2	3	X	Lubricating Oils, petroleum base	4	4	1	X
Jet Fuel A	4	X	1	X	Lubricating Oils, SAE 10, 20, 30, 40, 50	4	4	1	X
JP-10	4	4	1	X	Lye Solutions	1	2	2	X
JP-3 (MIL-J-5624)	4	X	1	2	Magnesium Chloride	1	1	1	X
JP-4 (MIL-T-5624)	4	4	1	X	Magnesium Hydroxide	1	X	1	X
JP-5 (MIL-T-5624)	4	4	1	X	Magnesium Salts	1	1	1	X

JP-6 (MIL-J-25656)	4	4	1	X	Magnesium Sulfite and Sulfate	1	1	1	X
JP-8 (MIL-T-83133)	4	4	1	X	Magnesium Trisilicate	X	X	X	X
JP-9 (MIL-F-81912)	4	4	1	X	Malathion	4	4	1	X
JP-9 -11	4	4	1	X	Maleic Acid	4	X	1	X
JPX (MIL-F-25604)	4	X	4	2	Maleic Anhydride	2	X	4	X
Kel F Liquids	1	1	2	X	Maleic Hydrazide	1	2	3	X
Kerosene (Similar to RP-1 and JP-1)	4	4	1	X	Malic Acid	2	2	1	X
Keystone #87HX-Grease	4	4	1	X	Mandelic Acid	1	2	3	X
Lacquer Solvents	4	4	4	X	Manganese Acetate	1	2	3	X
Lacquers	4	4	4	X	Manganese Carbonate	1	2	3	X
Lactams-Amino Acids	2	X	4	X	Manganese Chloride	1	2	3	X
Lactic Acid, Cold	1	1	1	X	Manganese Dioxide	1	2	3	X

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Lactic Acid, Hot	4	2	1	X	Manganese Gluconate	1	2	3	X
Lactones (Cyclic Esters)	2	2	4	X	Manganese Hypophosphite	1	2	3	X
Lard Animal Fat	2	2	1	X	Manganese Linoleate	1	2	3	X
Lauric Acid	4	2	1	X	Manganese Naphthenate	X	X	X	X
Lavender Oil	4	X	1	1	Manganese Phosphate	1	2	3	X
LB 135	1	X	1	1	Manganese Sulfate	1	2	3	X
Lead (Molten)	X	X	X	X	Manganous Chloride	1	2	3	X
Lead Acetate	1	4	4	X	Manganous Phosphate	1	2	3	X
Lead Arsenate	1	2	3	X	Manganous Sulfate	1	2	3	X
Lead Azide	X	X	X	X	Mannitol	1	2	3	X
Lead Bromide	1	2	3	X	MCS 312	4	1	1	X
Lead Carbonate	1	2	3	X	MCS 352	1	3	4	X
Lead Chloride	1	2	3	X	MCS 463	1	3	4	X
Lead Chromate	1	2	3	X	MDI (Methylene di-p-phenylene isocyanate)	1	2	3	X
Lead Dioxide	1	2	3	X	Mercaptan	4	2	1	X
Lead Linoleate	1	2	3	X	Mercaptobenzothiazole (MBT)	X	X	1	X
Lead Naphthenate	X	X	X	X	Mercuric Acetate	1	2	3	X
Lead Nitrate	1	2	X	X	Mercuric Chloride	1	X	1	X
Lead Oxide	1	2	3	X	Mercuric Cyanide	1	2	3	X
Lead Sulfamate	1	2	1	X	Mercuric Iodide	1	2	3	X

Mercuric Nitrate	1	2	3	X	Methyl Salicylate	2	X	X	X
Mercuric Sulfate	1	2	3	X	Methyl Tertiary Butyl Ether (MTBE)	3	X	3	2
Mercuric Sulfite	1	2	3	X	Methyl Valerate	X	X	1	X
Mercurous Nitrate	1	2	3	X	Methyl-2-Pyrrolidone or n-Methyl-2-Pyrrolidone	2	X	X	X
Mercury	1	X	1	X	Methylacrylic Acid	2	4	3	X
Mercury Chloride	1	2	3	X	Methylal	X	X	X	X
Mercury Fulminate	1	2	3	X	Methylamine	1	2	3	X
Mercury Salts	1	2	3	X	Methylamyl Acetate	1	2	3	X
Mercury Vapors	1	X	1	X	Methylcyclopentane	4	4	1	X
Mesityl Oxide (Ketone)	2	4	4	X	Methylene Bromide	X	X	1	X
Meta-Cresol	X	X	1	X	Methylene Chloride	4	4	2	X
Metaldehyde	1	2	3	X	Methylene Iodide	X	X	1	X
Meta-Nitroaniline	1	2	3	X	Methylglycerol	1	2	3	X
Meta-Toluidine	X	X	1	X	Methylisobutyl Carbinol	4	2	1	X
Methacrylic Acid	1	2	3	X	Methylpyrrolidine	X	X	1	X
Methallyl Chloride	X	X	1	X	Methylpyrrolidone	X	X	1	X
Methane	4	4	1	X	Methylsulfuric Acid	1	2	3	X
Methanol	1	1	4	X	MIL-A-6091	1	1	1	X
Methoxychlor	X	X	X	X	MIL-C-4339	4	3	1	X
Methoxyethanol (DGMMA)	1	2	3	X	MIL-C-7024	4	4	1	X
Methyl Abietate	X	X	1	X	MIL-C-8188	4	4	2	X
Methyl Acetate	2	4	4	X	MIL-E-9500	1	1	1	X
Methyl Acetoacetate	2	2	4	X	MIL-F-16884	4	4	1	X
Methyl Acetophenone	X	X	1	X	MIL-F-17111	4	4	1	X

Methyl Acrylate	2	4	4	X	MIL-F-25558 (RJ-1)	4	4	1	X
Methyl Alcohol	1	1	4	X	MIL-F-25656	4	4	1	X
Methyl Amylketone	1	2	3	X	MIL-F-5566	1	1	1	X
Methyl Anthranilate	X	X	1	X	MIL-F-81912 (JP-9)	4	4	1	X
Methyl Benzoate	4	4	1	X	MIL-F-82522 (RJ-4)	4	4	1	X
Methyl Bromide	4	X	1	X	MIL-G-10924	4	4	1	X
Methyl Butyl Ketone	1	4	4	X	MIL-G-15793	4	4	1	X
Methyl Butyrate Cellosolve	1	2	3	X	MIL-G-21568	1	4	1	X
Methyl Butyrate Chloride	1	2	3	X	MIL-G-25013	1	4	1	X
Methyl Carbonate	4	4	1	X	MIL-G-25537	4	4	1	X
Methyl Cellosolve	2	4	4	X	MIL-G-25760	4	4	1	X
Methyl Cellulose	2	2	4	X	MIL-G-3278	4	4	1	X
Methyl Chloride	3	4	1	X	MIL-G-3545	4	4	1	X
Methyl Chloroacetate	1	2	3	X	MIL-G-4343	3	3	1	X
Methyl Chloroform	4	X	1	4	MIL-G-5572	4	4	1	X

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Methyl Chloroformate	4	4	1	X	MIL-G-7118	4	4	1	X
Methyl Chlorosilanes	X	X	X	X	MIL-G-7187	4	4	1	X
Methyl Cyanide (Acetonitrile)	1	2	3	X	MIL-G-7421	4	4	1	X
Methyl Cyclohexanone	4	2	1	X	MIL-G-7711	4	2	1	X
Methyl Dichloride	X	X	1	X	MIL-H-13910	1	4	1	X
Methyl Ether	4	1	1	X	MIL-H-19457	2	3	1	X
Methyl Ethyl Ketone (MEK)	1	4	4	X	MIL-H-22251	1	4	X	X
Methyl Ethyl Ketone Peroxide	4	2	4	X	MIL-H-27601	4	4	1	X
Methyl Ethyl Oleate	X	X	1	X	MIL-H-46170 -15°F to +400°F	4	4	1	X
Methyl Formate	2	X	X	X	MIL-H-46170 -20°F to +275°F	4	4	1	X
Methyl Hexyl Ketone (2- Octanone)	1	2	3	X	MIL-H-46170 -55°F to +275°F	4	4	1	X
Methyl Iodide	4	2	1	X	MIL-H-46170 -65°F to +275°F	4	4	1	X
Methyl Isobutyl Ketone (MIBK)	3	4	4	X	MIL-H-5606 -65°F to +235°F	4	4	1	X
Methyl Isocyanate	1	2	3	X	MIL-H-5606 -65°F to +275°F	4	4	1	X
Methyl Isopropyl Ketone	2	4	4	X	MIL-H-6083	4	4	1	X
Methyl Isovalerate	X	X	1	X	MIL-H-7083	1	1	2	X
Methyl Lactate	1	2	3	X	MIL-H-8446 (MLO-8515)	4	4	1	X
Methyl Mercaptan	1	X	X	X	MIL-J-5161	4	4	1	X
Methyl Methacrylate	4	4	4	X	Milk	1	1	1	X
Methyl Oleate	2	X	1	X	MIL-L-15016	4	4	1	X
Methyl Pentadiene	X	X	1	X	MIL-L-15017	4	4	1	X
Methyl Phenylacetate	X	X	1	X	MIL-L-17331	4	4	1	X
MIL-L-2104	4	4	1	X	Monochlorobutene	X	X	1	X
MIL-L-21260	4	4	1	X	Monochlorohydrin	X	X	X	X
MIL-L-23699	4	4	1	X	Monoethanolamine (MEA)	2	2	4	X
MIL-L-25681	1	4	1	X	Monoethyl Amine	1	2	3	X
MIL-L-3150	4	4	1	X	Monoisopropylamine	1	2	3	X
MIL-L-6081	4	4	1	X	Monomethyl Aniline	1	2	2	X
MIL-L-6082	4	3	1	X	Monomethyl Ether (Dimethyl Ether)	X	X	X	X
MIL-L-6085	4	4	1	X	Monomethyl Ether (Methyl Ether)	4	X	1	X
MIL-L-6387	4	4	1	X	Monomethyl Hydrazine	1	4	X	X
MIL-L-7808	4	4	1	X	Monomethylamine (MMA)	1	2	3	X
MIL-L-7870	4	4	1	X	Monomethylaniline	2	X	2	X
MIL-L-9000	4	4	1	X	Mononitrotoluene	1	2	3	X
MIL-L-9236	4	4	1	X	Mononitrotoluene & Dinitrotoluene (40/60 Mixture)	1	4	3	X
MIL-O-3503	4	4	1	X	Monovinyl Acetylene	1	2	1	X
MIL-P-27402	1	4	X	X	Mopar Brake Fluid	1	3	4	X

MIL-R-25576 (RP-1)	4	4	1	X	Morpholine	X	X	1	X
MIL-S-3136, Type I Fuel	4	4	1	X	Motor Oils	4	2	1	X
MIL-S-3136, Type II Fuel	4	4	1	X	Mustard Gas	X	X	X	X
MIL-S-3136, Type III Fuel	4	4	1	X	Myristic Acid	X	X	1	X
MIL-S-3136, Type IV Oil High Swell	4	2	1	X	Naphthalene	4	4	1	X
MIL-S-3136, Type IV Oil Low Swell	4	3	1	X	Naphthalene Chloride	X	X	1	X
MIL-S-3136, Type V Oil Medium Swell	4	2	1	X	Naphthalene Sulfonic Acid	X	X	1	X
MIL-S-81087	1	3	1	X	Naphthalenic Acid	X	X	1	X
MIL-T-5624, JP-4, JP-5	4	4	1	X	Naphthalonic Acid	X	X	1	X
MIL-T-83133	4	4	1	X	Naphthenic Acid	4	4	1	X
Mineral Oils	3	2	1	X	Naphthylamine	X	X	X	X
Mixed Acids	1	2	3	X	Naptha	4	4	1	X

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
MLO-7277 Hydr.	4	4	1	X	Natural Gas	4	4	1	X
MLO-7557	4	4	1	X	Neatsfoot Oil	2	2	1	X
MLO-8200 Hydr.	4	4	1	X	Neon	1	1	1	X
MLO-8515	4	4	1	X	Neville Acid	2	4	1	X
Mobil 24dte	4	X	1	1	Nickel Acetate	1	4	4	X
Mobil 254 Lubricant	X	X	X	X	Nickel Ammonium Sulfate	1	2	3	X
Mobil Delvac 1100, 1110, 1120, 1130	4	X	1	1	Nickel Chloride	1	1	1	X
Mobil HF	4	X	1	X	Nickel Cyanide	1	2	3	X
Mobil Nivac 20, 30	1	X	1	1	Nickel Nitrate	1	2	3	X
Mobil SHC 500 Series	4	2	1	X	Nickel Salts	1	1	1	X
Mobil SHC 600 Series	4	3	1	X	Nickel Sulfate	1	1	1	X
Mobil Therm 600	4	X	1	1	Nicotinamide (Niacinamide)	X	X	1	X
Mobil Velocite c	4	X	1	1	Nicotinamide Hydrochloride	1	2	3	X
Mobilgas WA200 ATF	4	X	1	1	Nicotine	X	X	1	X
Mobilgear 600 Series	3	1	1	X	Nicotine Sulfate	1	2	3	X
Mobilgear SHC ISO Series	3	1	1	X	Niter Cake	1	1	1	X
Mobilgrease HP	4	2	1	X	Nitric Acid, Red Fuming	4	X	2	3
Mobilgrease HTS	4	2	1	X	Nitric Acid (50 - 100%)	4	X	3	X
Mobilgrease SM	4	2	1	X	Nitric Acid 3 Molar to 158°F	2	4	3	X
Mobiljet II Lubricant	X	X	X	X	Nitric Acid Concentrated Room Temp.	4	X	2	X
Mobilmistlube Series	3	1	1	X	Nitric Acid Concentrated to 158°F	4	4	4	X
Mobiloil SAE 20	4	X	1	1	Nitroaniline	1	2	3	X
Mobilux	4	X	1	1	Nitrobenzene	1	4	2	X
Molybdenum Disulfide Grease	4	X	1	1	Nitrobenzoic Acid	1	2	3	X
Molybdenum Oxide	1	2	3	X	Nitrocellulose	1	2	3	X
Molybdenum Trioxide	1	2	3	X	Nitrochlorobenzene	1	2	3	X
Molybdic Acid	1	2	3	X	Nitrochloroform	1	2	3	X
Monobromobenzene	4	4	1	X	Nitrodiethylaniline	1	2	3	X
Monobromotoluene	X	X	1	X	Nitrodiphenyl Ether	X	X	X	X
Monobutyl Paracresol	X	X	X	X	Nitroethane	2	4	4	X
Monochloroacetic Acid	1	2	3	X	Nitrofluorobenzene	1	2	3	X
Monochlorobenzene	4	4	1	X	Nitrogen	1	1	1	X
Nitrogen Oxides	1	2	3	X	Para-Formaldehyde	1	2	3	X
Nitrogen Tetroxide (N2O4)	4	4	4	X	Paraldehyde	1	2	3	X
Nitrogen Trifluoride	X	X	X	X	Par-al-Ketone	4	4	4	X
Nitroglycerine	1	2	3	X	Para-Nitroaniline	1	2	3	X
Nitroglycerol	1	2	3	X	Para-Nitrobenzoic Acid	1	2	3	X
Nitroisopropylbenzene	1	2	3	X	Para-Nitrophenol	1	2	3	X
Nitromethane	2	4	4	X	Parathion	X	X	1	X

Nitrophenol	1	2	3	X	Para-Toluene Sulfonic Acid	1	2	3	X
Nitropropane	2	4	4	X	Parker O Lube	4	2	1	X
Nitrosyl Chloride	X	X	X	X	Peanut Oil	3	1	1	X
Nitrosylsulfuric Acid	X	X	X	X	Pectin (Liquor)	X	X	1	X
Nitrothiophene	1	2	3	X	Pelagonic Acid	X	X	X	X
Nitrotoluene	1	2	3	X	Penicillin (Liquid)	X	X	1	X
Nitrous Acid	1	2	3	X	Pentachloroethane	X	X	1	X
Nitrous Oxide	1	1	1	X	Pentachlorophenol	1	2	3	X
Nonane	4	2	1	X	Pentaerythritol	1	2	3	X
Noryl GE Phenolic	1	X	X	X	Pentaerythritol Tetranitrate	1	2	3	X
Nyvac FR200 Mobil	1	X	1	X	Pentafluoroethane (F-125)	X	X	X	X
Octachloro Toluene	4	4	1	X	Pentane or n-Pentane	4	4	1	X
Octadecane	4	4	1	X	Pentane, 2 Methyl	4	4	1	X
Octanal (n-Octanaldehyde)	4	2	1	X	Pentane, 2-4 dimethyl	4	4	1	X
Octane or n-Octane	4	4	1	X	Pentane, 3-Methyl	4	4	1	X
Octyl Acetate	1	2	3	X	Pentoxone	X	X	X	X
Octyl Alcohol	3	2	1	X	Pentyl Pentanoate	4	2	1	X

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Octyl Chloride	4	2	1	X	Peracetic Acid	1	2	3	X
Octyl Phthalate	X	X	1	X	Perchloric Acid - 2N	1	2	1	X
Olefins	X	X	1	X	Perchloroethylene	4	4	1	X
Oleic Acid	4	4	2	X	Perfluoropropane	X	X	X	X
Oleum (Fuming Sulfuric Acid)	4	4	1	X	Perfluorotriethylamine	X	X	X	X
Oleum Spirits	4	4	1	X	Permanganic Acid	X	X	X	X
Oleyl Alcohol	X	X	1	X	Persulfuric Acid (Caro's Acid)	X	X	X	X
Olive Oil	2	3	1	X	Petrolatum	4	4	1	X
Oronite 8200	4	4	1	X	Petrolatum Ether	4	2	1	X
Oronite 8515	4	4	1	X	Petroleum Oil, Above 250°F	4	4	2	X
Ortho-Chloro Ethyl Benzene	4	4	1	X	Petroleum Oil, Below 250°F	4	2	1	X
Ortho-Chloroaniline	1	2	3	X	Petroleum Oil, Crude	4	4	1	X
Ortho-Chlorophenol	1	2	3	X	Phenol	4	4	1	X
Ortho-Cresol	1	2	3	X	Phenol, 70% / 30% H2O	4	4	1	X
Ortho-Dichlorobenzene	4	4	1	X	Phenol, 85% / 15% H2O	4	4	1	X
Ortho-Nitrotoluene	1	2	3	X	Phenolic Sulfonate	1	2	3	X
Orthophos Acid	X	X	X	X	Phenolsulfonic Acid	1	2	3	X
OS 45 Type III (OS45)	4	4	1	X	Phenylacetamide	X	X	1	X
OS 45 Type IV (OS45-1)	4	4	1	X	Phenylacetate	1	2	3	X
OS 70	4	4	1	X	Phenylacetic Acid	1	2	3	X
Oxalic Acid	1	2	1	X	Phenylbenzene	4	4	1	X
Oxygen, 200°-300°F (Evaluate for specific applications)	4	X	2	X	Phenylene Diamine	X	X	X	X
Oxygen, 300°-400°F (Evaluate for specific applications)	4	1	2	X	Phenylethyl Alcohol	X	X	1	X
Oxygen, Cold (Evaluate for specific applications)	1	1	1	X	Phenylethyl Ether	4	4	4	X
Oxygen, Liquid	4	X	4	4	Phenylethyl Malonic Ester	X	X	1	X
Ozonated Deionized Water	1	2	3	X	Phenylglycerine	1	2	3	X
Ozone	1	1	1	X	Phenylhydrazine	2	X	1	X
Paint Thinner, Duco	4	4	2	X	Phenylhydrazine Hydrochloride	1	2	3	X
Palmitic Acid	2	4	1	X	Phenylmercuric Acetate	1	2	3	X
Para-Aminobenzoic Acid	1	2	3	X	Phorone	3	4	4	X
Para-Aminosalicylic Acid	1	2	3	X	Phosgene	X	X	X	X

Para-Bromobenzylphenyl Ether	X	X	X	X	Phosphine	X	X	X	X
Para-Chlorophenol	1	2	3	X	Phosphoric Acid 3 Molar to 158°F	1	2	1	X
Paracymene	X	X	1	X	Phosphoric Acid Concentrated Room Temp	1	3	1	X
Para-Dichlorobenzene	4	4	1	X	Phosphoric Acid Concentrated to 158°F	1	4	1	X
Paraffins	4	2	1	X	Phosphoric Acid, 20%	X	X	X	X
Phosphoric Acid, 45%	X	X	X	X	Potassium Metachromate	1	2	3	X
Phosphorus (Molten)	X	X	X	X	Potassium Metasilicate	X	X	X	X
Phosphorus Oxychloride	X	X	X	X	Potassium Monochromate	1	2	3	X
Phosphorus Trichloride	1	X	1	X	Potassium Nitrate	1	1	1	X
Phosphorus Trichloride Acid	1	X	1	1	Potassium Nitrite	1	2	3	X
Phthalic Acid	1	2	3	X	Potassium Oxalate	1	2	3	X

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Phthalic Anhydride	1	2	3	X	Potassium Perchlorate	1	2	3	X
Pickling Solution	3	4	2	X	Potassium Perfluoro Acetate	X	X	X	X
Picric Acid (aq)	1	X	1	X	Potassium Permanganate	1	2	3	X
Picric Acid Molten	2	4	1	X	Potassium Peroxide	X	X	X	X
Pine Oil	4	4	1	X	Potassium Persulfate	1	2	3	X
Pine Tar	4	2	1	X	Potassium Phosphate (Acid)	1	2	3	X
Pinene	4	4	1	X	Potassium Phosphate (Alkaline)	1	2	3	X
Piperazine	X	X	1	X	Potassium Phosphate (Di/Tri Basic)	1	2	3	X
Piperidine	4	4	1	X	Potassium Pyrosulfate	1	2	3	X
Piranha (H2SO4:H2O2)(70:30)	X	X	X	X	Potassium Salts	1	1	1	X
Plating Solution (Co,Cu,Au,In,Fe,Pb,Ni,Ag,Sn,Zn)	1	X	1	1	Potassium Silicate	X	X	X	X
Plating Solutions Chrome	2	2	1	X	Potassium Sodium Tartrate	1	2	3	X
Plating Solutions Others	1	4	1	X	Potassium Stannate	1	2	3	X
Pneumatic Service	1	4	1	X	Potassium Stearate	1	2	3	X
Polyethylene Glycol	1	X	3	1	Potassium Sulfate	1	1	1	X
Polyglycerol	1	2	3	X	Potassium Sulfide	1	2	3	X
Polyglycol	1	2	3	X	Potassium Sulfite	1	1	1	X
Polyvinyl Acetate Emulsion	1	X	X	X	Potassium Tartrate	1	2	3	X
Potassium (Molten)	X	X	X	X	Potassium Thiocyanate	1	2	3	X
Potassium Acetate	1	4	4	X	Potassium Thiosulfate	1	2	3	X
Potassium Acid Sulfate	1	2	3	X	Potassium Triphosphate	1	2	3	X
Potassium Alum	1	2	3	X	Prestone Antifreeze	1	1	1	X
Potassium Aluminum Sulfate	1	2	3	X	PRL-High Temp. Hydr. Oil	4	2	1	X
Potassium Antimonate	1	2	3	X	Producer Gas	4	2	1	X
Potassium Bicarbonate	1	2	3	X	Propane	4	4	1	X
Potassium Bichromate	1	2	3	X	Propionaldehyde	1	2	3	X
Potassium Bifluoride	1	2	3	X	Propionic Acid	1	2	3	X
Potassium Bitartrate	1	2	3	X	Propionitrile	4	X	1	1
Potassium Bromide	1	2	3	X	Propyl Acetate	2	4	4	X
Potassium Carbonate	1	2	3	X	Propyl Acetone or n-Propyl Acetone	1	4	4	X
Potassium Chlorate	1	2	3	X	Propyl Alcohol	1	1	1	X
Potassium Chloride	1	1	1	X	Propyl Nitrate	2	4	4	X
Potassium Chromates	1	2	3	X	Propyl Propionate	1	2	3	X
Potassium Citrate	1	2	3	X	Propylamine	1	2	3	X
Potassium Cupro Cyanide	1	1	1	X	Propylbenzene	X	X	1	X
Potassium Cyanate	1	2	3	X	Propylene	4	4	1	X
Potassium Cyanide	1	1	1	X	Propylene Chloride	X	X	1	X
Potassium Dichromate	1	1	1	X	Propylene Chlorohydrin	X	X	1	X
Potassium Diphosphate	1	2	3	X	Propylene Dichloride	X	X	1	X
Potassium Ferricyanide	1	2	3	X	Propylene Glycol	1	2	3	X
Potassium Fluoride	1	2	3	X	Propylene Imine	X	X	1	X
Potassium Glucocyanate	1	2	3	X	Propylene Oxide	2	4	4	X
Potassium Hydroxide 50%	1	3	4	X	Pydraul 90e	1	X	1	1
Potassium Hypochlorite	1	2	3	X	Pydraul, 10E	1	1	4	X
Potassium Iodate	1	2	3	X	Pydraul, 115E	1	4	1	X

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Potassium Iodide	1	2	3	X	Pydraul, 230C, 312C, 540C, A200	4	4	1	X
Potassium Metabisulfate	1	2	3	X	Pydraul, 29ELT 30E, 50E, 65E	1	1	1	X
Pyranol Transformer Oil	4	4	1	X	Shell UMF (5% Aromatic)	4	4	1	X
Pyridine	2	X	1	X	Shellac	1	2	3	X
Pyridine Oil	2	4	4	X	Silane	X	X	X	X
Pyridine Sulfate	1	2	3	X	Silicate Esters	4	4	1	X
Pyridine Sulfonic Acid	1	2	3	X	Silicon Fluoride	X	X	X	X
Pyrogallol (Pyrogalllic Acid)	4	X	1	X	Silicon Tetrachloride	X	X	X	X
Pyrogard 42, 43, 55	1	X	1	2	Silicon Tetrafluoride	X	X	X	X
Pyrogard 53, Mobil Phosphate Ester	1	4	1	X	Silicone Greases	1	3	1	X
Pyrogard D, Mobil Water-in-Oil Emulsion	4	3	4	X	Silicone Oils	1	3	1	X
Pyrolygneous Acid	2	X	4	X	Silver Bromide	1	2	3	X
Pyrolube	2	2	1	X	Silver Chloride	1	2	3	X
Pyrosulfuric Acid	1	2	3	X	Silver Cyanide	1	2	3	X
Pyrosulfuryl Chloride	4	X	1	X	Silver Nitrate	1	1	1	X
Pyrrrole	4	2	4	X	Silver Sulfate	1	2	3	X
Pyruvic Acid	1	2	3	X	Sinclair Opaline CX-EP Lube	4	4	1	X
Quinidine	4	X	1	X	Skelly, Solvent B, C, E	4	X	1	X
Quinine	4	X	1	X	Skydrol 500 B4	1	3	4	X
Quinine Bisulfate	1	2	3	X	Skydrol 7000	1	X	2	1
Quinine Hydrochloride	1	2	3	X	Skydrol LD-4	1	3	4	X
Quinine Sulfate	1	2	3	X	Soap Solutions	1	1	1	X
Quinine Tartrate	1	2	3	X	Socony Mobile Type A	4	4	1	X
Quinizarin	4	X	1	X	Socony Vacuum AMV AC781 (Grease)	4	4	1	X
Quinoline	4	X	1	X	Socony Vacuum PD959B	4	4	1	X
Quinone	4	X	1	X	Soda Ash	1	1	1	X
Radiation (Gamma, 1.0 E+07 Rads)	2	2	4	X	Sodium (Molten)	X	X	X	X
Raffinate	4	X	1	X	Sodium Acetate	1	4	4	X
Rapeseed Oil	1	4	1	X	Sodium Acid Bisulfate	1	2	3	X
Red Line 100 Oil	4	4	1	X	Sodium Acid Fluoride	1	2	3	X
Red Oil (MIL-H-5606)	4	4	1	X	Sodium Acid Sulfate	1	2	3	X
Resorcinol	1	2	3	X	Sodium Aluminate	1	2	3	X
Rhodium	X	X	X	X	Sodium Aluminate Sulfate	1	2	3	X
Riboflavin	4	X	1	X	Sodium Anthraquinone Disulfate	1	2	3	X
Ricinoleic Acid	4	X	1	X	Sodium Antimonate	1	2	3	X
RJ-1 (MIL-F-25558)	4	4	1	X	Sodium Arsenate	1	2	3	X
RJ-4 (MIL-F-82522)	4	4	1	X	Sodium Arsenite	1	2	3	X
Rosin	4	X	1	X	Sodium Benzoate	1	2	3	X
RP-1 (MIL-R-25576)	4	4	1	X	Sodium Bicarbonate (Baking Soda)	1	1	1	X
Saccharin Solution	1	2	3	X	Sodium Bichromate	1	2	3	X
Sal Ammoniac	1	2	1	X	Sodium Bifluoride	1	2	3	X
Salicylic Acid	1	X	1	X	Sodium Bisulfate or Bisulfite	1	1	1	X
Santo Safe 300	3	1	1	X	Sodium Bisulfide	1	2	3	X
Sea (Salt) Water	1	1	1	X	Sodium Bitartrate	1	2	3	X
Sebacic Acid	1	2	3	X	Sodium Borate	1	1	1	X
Selenic Acid	1	2	3	X	Sodium Bromate	1	2	3	X
Selenous Acid	1	2	3	X	Sodium Bromide	1	2	3	X
Sewage	1	1	1	X	Sodium Carbonate (Soda Ash)	1	1	1	X
SF 1154 GE Silicone Fluid	1	4	1	X	Sodium Chlorate	1	2	3	X
SF1147 GE Silicone Fluid	3	4	1	X	Sodium Chloride	1	1	1	X
SF96 GE Silicone Fluid	1	4	1	X	Sodium Chlorite	1	2	3	X
Shell 3XF Mine Fluid (Fire resist hydr.)	4	X	1	X	Sodium Chloroacetate	1	2	3	X

Shell Alvania Grease #2	4	2	1	X	Sodium Chromate	1	2	3	X
-------------------------	---	---	---	---	-----------------	---	---	---	---

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Shell Carnea 19 and 29	4	X	1	X	Sodium Citrate	1	2	3	X
Shell Diala	4	4	1	X	Sodium Cyanamide	1	2	3	X
Shell Iru 905	4	4	1	X	Sodium Cyanate	1	2	3	X
Shell Lo Hydrax 27 and 29	4	4	1	X	Sodium Cyanide	1	1	X	X
Shell Macome 72	4	4	1	X	Sodium Diacetate	1	2	3	X
Shell Tellus #32 Pet. Base	4	4	1	X	Sodium Diphenyl Sulfonate	1	2	3	X
Shell Tellus #68	4	4	1	X	Sodium Diphosphate	1	2	3	X
Shell Tellus 27 (Petroleum Base)	4	X	1	1	Sodium Disilicate	1	2	3	X
Shell Tellus 33	4	X	1	1	Sodium Ethylate	1	2	3	X
Sodium Ferricyanide	1	2	3	X	Sour Crude Oil	4	4	1	X
Sodium Ferrocyanide	1	2	3	X	Sour Natural Gas	4	4	1	X
Sodium Fluoride	1	2	3	X	Sovasol No. 1, 2, and 3	4	4	1	X
Sodium Fluorosilicate	1	2	3	X	Sovasol No. 73 and 74	4	4	1	X
Sodium Glutamate	1	2	3	X	Soybean Oil	3	1	1	X
Sodium Hydride	X	X	X	X	Spry	2	1	1	X
Sodium Hydrogen Sulfate	1	2	3	X	SR-10 Fuel	4	4	1	X
Sodium Hydrosulfide	1	2	3	X	SR-6 Fuel	4	4	1	X
Sodium Hydrosulfite	1	2	3	X	Standard Oil Mobilube GX90-EP Lube	4	4	1	X
Sodium Hydroxide, 3 Molar	1	1	2	X	Stannic Ammonium Chloride	1	2	3	X
Sodium Hypochlorite	1	2	1	X	Stannic Chloride	1	2	1	X
Sodium Hypophosphate	1	2	3	X	Stannic Chloride, 50%	1	2	1	X
Sodium Hypophosphite	1	2	3	X	Stannic Tetrachloride	1	2	3	X
Sodium Hyposulfite	1	2	3	X	Stannous Bisulfate	1	2	3	X
Sodium Iodide	1	2	3	X	Stannous Bromide	1	2	3	X
Sodium Lactate	1	2	3	X	Stannous Chloride (15%)	1	2	1	X
Sodium Metaphosphate	1	X	1	X	Stannous Fluoride	1	2	3	X
Sodium Metasilicate	1	2	3	X	Stannous Sulfate	1	2	3	X
Sodium Methylate	1	2	3	X	Stauffer 7700	4	4	1	X
Sodium Monophosphate	1	2	3	X	Steam Below 400°F	1	3	4	X
Sodium Nitrate	1	4	X	X	Steam, 400° - 500°F	3	4	4	X
Sodium Oleate	1	2	3	X	Steam, Above 500°F	X	X	X	X
Sodium Orthosilicate	1	2	3	X	Stearic Acid	2	2	X	X
Sodium Oxalate	1	2	3	X	Stoddard Solvent	4	4	1	X
Sodium Perborate	1	2	1	X	Strontium Acetate	1	2	3	X
Sodium Percarbonate	1	2	3	X	Strontium Carbonate	1	2	3	X
Sodium Perchlorate	1	2	3	X	Strontium Chloride	1	2	3	X
Sodium Peroxide	1	4	1	X	Strontium Hydroxide	1	2	3	X
Sodium Persulfate	1	2	3	X	Strontium Nitrate	1	2	3	X
Sodium Phenolate	1	2	3	X	Styrene (Monomer)	4	4	2	X
Sodium Phenoxide	1	2	3	X	Succinic Acid	1	2	3	X
Sodium Phosphate (Dibasic)	1	4	1	X	Sucrose Solutions	1	1	1	X
Sodium Phosphate (Mono)	1	4	1	X	Sulfamic Acid	1	2	3	X
Sodium Phosphate (Tribasic)	1	1	1	X	Sulfanilic Acid	1	2	3	X
Sodium Plumbite	1	2	3	X	Sulfanilic Chloride	4	X	1	X
Sodium Pyrophosphate	1	2	3	X	Sulfanilimide	4	X	1	X
Sodium Resinate	1	2	3	X	Sulfite Liquors	1	2	3	X
Sodium Salicylate	1	2	3	X	Sulfolane	1	X	2	1
Sodium Salts	1	1	1	X	Sulfonated Oils	4	X	1	X
Sodium Sesquisilicate	X	X	X	X	Sulfonic Acid	1	2	3	X
Sodium Silicate	1	X	1	X	Sulfonyl Chloride	1	2	3	X
Sodium Silicofluoride	X	X	X	X	Sulfur	1	X	1	X
Sodium Stannate	1	2	3	X	Sulfur (Molten)	3	3	1	X
Sodium Sulfate	1	1	1	X	Sulfur Chloride	4	3	1	X

Sodium Sulfide and Sulfite	1	1	1	X	Sulfur Dioxide, Dry	1	2	4	X
----------------------------	---	---	---	---	---------------------	---	---	---	---

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Sodium Sulfo cyanide	1	2	3	X	Sulfur Dioxide, Liquidified under pressure	1	2	4	X
Sodium Tartrate	1	2	3	X	Sulfur Dioxide, Wet	1	2	4	X
Sodium Tetraborate	1	2	3	X	Sulfur Hexafluoride	1	X	3	3
Sodium Tetraphosphate	1	2	3	X	Sulfur Liquors	2	4	1	X
Sodium Tetrasulfide	1	2	3	X	Sulfur Monochloride	4	2	1	X
Sodium Thioarsenate	1	2	3	X	Sulfur Tetrafluoride	X	X	X	X
Sodium Thiocyanate	1	2	3	X	Sulfur Trioxide Dry	2	2	1	X
Sodium Thiosulfate	1	1	1	X	Sulfuric Acid (20% Oleum)	1	2	3	X
Sodium Trichloroacetate	1	2	3	X	Sulfuric Acid, 3 Molar to 158°F	1	1	1	X
Sodium Triphosphate	1	2	3	X	Sulfuric Acid, Concentrated Room Temp	3	X	1	X
Solvesso 100, 150	X	X	X	X	Sulfuric Acid, Concentrated to 158°F	4	4	1	X
Sorbitol	1	2	3	X	Sulfuric Chlorohydrin (Chlorosulfonic Acid)	1	2	3	X
Sulfurous Acid	2	4	1	X	Thiodiacetic Acid	1	2	3	X
Sunoco #3661	4	4	1	X	Thioethanol	1	2	3	X
Sunoco All purpose grease	4	4	1	X	Thioglycolic Acid	1	2	3	X
Sunoco SAE 10	4	4	1	X	Thiokol TP-90B	1	X	1	X
SunSAFE (Fire resist. hydr. fluid)	4	X	1	X	Thiokol TP-95	1	X	1	X
Super Shell Gas	4	4	1	X	Thionyl Chloride	4	X	1	X
Surfuryl Chloride	1	2	3	X	Thiophene (Thiofuran)	4	X	1	X
Swan Finch EP Lube	4	4	1	X	Thiophosphoryl Chloride	1	2	3	X
Swan Finch Hypoid-90	4	4	1	X	Thiourea	1	2	3	X
Tallow	4	2	1	X	Thorium Nitrate	1	2	3	X
Tannic Acid (10%)	1	2	1	X	Tidewater Multigear, 140 EP Lube	4	4	1	X
Tar, bituminous	4	2	1	X	Tidewater Oil-Beedol	4	2	1	X
Tartaric Acid	2	1	1	X	Tin Ammonium Chloride	1	2	3	X
Tellone II	X	X	X	X	Tin Chloride	4	2	1	X
Terephthalic Acid	1	2	3	X	Tin Tetrachloride	4	2	1	X
Terpineol	3	X	1	X	Titanic Acid	1	2	3	X
Terpinyl Acetate	4	X	1	X	Titanium Dioxide	1	2	3	X
Tertiary Amyl Methyl Ether (TAME)	X	X	X	X	Titanium Sulfate	1	2	3	X
Tertiary Butyl Catechol or p-tert-butylcatechol	2	X	1	X	Titanium Tetrachloride	4	4	1	X
Tertiary Butyl Mercaptan	4	X	1	X	Toluene	4	4	1	X
Tetrabromoethane	4	4	1	X	Toluene Bisodium Sulfite	X	X	X	X
Tetrabromomethane	4	X	1	X	Toluene Diisocyanate (TDI)	2	4	4	X
Tetrabutyl Titanate	1	4	1	X	Toluene Sulfonyl Chloride	4	X	1	X
Tetrachloroethylene	4	4	1	X	Toluenesulfonic Acid	1	2	3	X
Tetrachloroethane	4	X	1	X	Toluidine	4	X	1	X
Tetraethyl Lead	4	X	1	X	Toluol	1	2	3	X
Tetraethyl Lead "Blend"	4	X	1	X	Toluquinone	4	X	1	X
Tetraethyl Orthosilicate (TEOS)	X	X	X	X	Tolylaldehyde	1	2	3	X
Tetrahydrofuran	2	4	4	X	Transformer Oil	4	2	1	X
Tetralin	4	4	1	X	Triaryl Phosphate	1	3	1	X
Tetramethyl Ammonium Hydroxide	1	2	3	X	Tribromomethylbenzene	4	X	1	X
Tetramethylcyclotetrasiloxane (TMCTS)	X	X	X	X	Tributoxyethyl Phosphate	1	X	1	X
Tetramethyldihydropyridine	4	X	1	X	Tributyl Citrate	1	2	3	X

Tetramethyldihydropyridine	4	X	1	X	Tributyl Mercaptan	4	4	1	X
----------------------------	---	---	---	---	--------------------	---	---	---	---

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Tetraphosphogluconate	1	2	3	X	Tributyl Phosphate	1	4	4	X
Tetraphosphoric Acid	X	X	X	X	Tributylamine	X	X	X	X
Texaco 3450 Gear Oil	4	4	1	X	Trichloroacetic Acid	2	X	3	X
Texaco Capella A and AA	4	4	1	X	Trichloroacetyl Chloride	4	X	1	X
Texaco Meropa 220 (No Lead)	4	4	1	X	Trichlorobenzene	4	X	1	X
Texaco Regal B	4	4	1	X	Trichloroethane	4	4	1	X
Texaco Uni-Temp Grease	4	2	1	X	Trichloroethanolamine	1	2	3	X
Texamatic "A" 1581 Fluid	4	4	1	X	Trichloroethylene	4	4	1	X
Texamatic "A" 3401 Fluid	4	4	1	X	Trichloromethane	4	4	1	X
Texamatic "A" 3525 Fluid	4	4	1	X	Trichloronitromethane (Chloropicrin)	1	2	3	X
Texamatic "A" 3528 Fluid	4	4	1	X	Trichlorophenylsilane	X	X	X	X
Texamatic "A" Transmission Oil	4	4	1	X	Trichloropropane	4	4	1	X
Texas 1500 Oil	4	2	1	X	Trichlorosilane	4	4	1	X
Therminol 44	4	4	1	X	Tricresyl Phosphate	1	3	2	X
Therminol 55	4	4	1	X	Triethanol Amine	2	X	4	X
Therminol 66	X	X	X	X	Triethyl Phosphate	4	X	1	X
Therminol FR	X	X	X	X	Triethylaluminum	X	X	X	X
Therminol VP-1, 60, 65	4	2	1	X	Triethylborane	X	X	X	X
Thio Acid Chloride	X	X	X	X	Triethylene Glycol	1	2	3	X
Thioamyl Alcohol	4	2	1	X	Triethylenetetramine	1	2	3	X

Trifluoroacetic Acid	1	2	3	X	Vegetable Oil	3	1	1	X
Trifluoroethane	4	4	1	X	Versilube F44, F55	1	X	1	1
Trifluoromethane	4	4	1	X	Versilube F-50	1	3	1	X
Trifluorovinylchloride	4	X	1	X	Vinegar	2	3	3	X
Triisopropylbenzylchloride	4	X	1	X	Vinyl Acetate	1	X	3	1
Trimethylamine	1	2	3	X	Vinyl Benzene	4	X	1	X
Trimethylamine (TMA)	1	2	3	X	Vinyl Benzoate	4	X	1	X
Trimethylbenzene	4	X	1	X	Vinyl Chloride	4	X	1	X
Trimethylborate (TMB)	4	X	1	X	Vinyl Fluoride	4	X	1	X
Trimethylpentane	4	2	1	X	Vinylidene Chloride	4	X	1	X
Trinitroloene (TNT)	4	X	2	X	Vinylpyridine	4	X	1	X
Trioctyl Phosphate	1	3	2	X	Vitriol (White)	1	2	3	X
Triphenylphosphite	1	2	3	X	VV-H-910	1	2	1	X
Tripoly Phosphate	1	3	2	X	Wagner 21B Brake Fluid	1	3	4	X
Tripotassium Phosphate	1	2	3	X	Water	1	1	2	X
Trisodium Phosphate	1	2	3	X	Wemco C	4	4	1	X
Tritium	X	X	X	X	Whiskey and Wines	1	1	1	X
Tung Oil (China Wood Oil)	4	4	1	X	White Liquor	1	X	1	1
Tungsten Hexafluoride	X	X	X	X	White Oil	4	4	1	X
Tungstic Acid	X	X	X	X	White Pine Oil	4	4	1	X
Turbine Oil	4	4	1	X	Wolmar Salt	1	1	1	X
Turbine Oil #15 (MIL-L-7808A)	4	4	1	X	Wood Alcohol	1	1	4	X
Turbo Oil #35	4	4	1	X	Wood Oil	4	4	1	X
Turpentine	4	4	1	X	Xenon	1	1	1	X
Type I Fuel (MIL-S-3136)(ASTM Ref. Fuel A)	4	4	1	X	Xylene	4	4	1	X
Type II Fuel MIL-S-3136	4	4	1	X	Xylidenes-Mixed-Aromatic Amines	1	4	4	X
Type III Fuel MIL-S-3136(ASTM Ref. Fuel B)	4	4	1	X	Xylol	4	4	1	X
Ucon Hydrolube J-4	1	1	1	X	Zeolites	1	X	1	X

Ucon Lubricant 50-HB-100	1	1	1	X	Zinc Acetate	1	4	4	X
Ucon Lubricant 50-HB-260	1	1	1	X	Zinc Ammonium Chloride	1	2	3	X

LEGEND: 1 = Satisfactory, 2 = Fair, 3 = Doubtful, 4 = Unsatisfactory, X = Insufficient Data

	EPDM	Silicone	Viton	Aflas		EPDM	Silicone	Viton	Aflas
Ucon Lubricant 50-HB-660	1	1	1	X	Zinc Chloride	1	X	1	X
Ucon Lubricant LB-1145	1	1	1	X	Zinc Diethyldithiocarbamate	1	2	3	X
Ucon Lubricant LB-135	1	1	1	X	Zinc Dihydrogen Phosphate	1	2	3	X
Ucon Lubricant LB-285	1	1	1	X	Zinc Fluorosilicate	X	X	X	X
Ucon Lubricant LB-300X	1	1	1	X	Zinc Hydrosulfite	1	2	3	X
Ucon Lubricant LB-625	1	1	1	X	Zinc Naphthenate	X	X	X	X
Ucon Lubricant LB-65	1	1	1	X	Zinc Nitrate	1	X	1	X
Ucon Oil 50-HB-280x	1	X	3	1	Zinc Oxide	1	X	1	X
Ucon Oil Heat Transfer Fluid 500 (Polyalkalene Glycol)	1	1	1	X	Zinc Phenolsulfonate	1	2	3	X
Ucon Oil LB-385	1	1	1	X	Zinc Phosphate	1	1	1	X
Ucon Oil LB-400X	1	1	1	X	Zinc Salts	1	1	1	X
Undecylenic Acid	4	X	1	X	Zinc Silicofluoride	X	X	X	X
Undecylic Acid	4	X	1	X	Zinc Stearate	1	2	3	X
Univis 40 (Hydr. Fluid)	4	4	1	X	Zinc Sulfate	1	1	1	X
Univolt #35 (Mineral Oil)	4	4	1	X	Zinc Sulfide	1	2	3	X
Unsymmetrical Dimethyl Hydrazine (UDMH)	1	4	4	X	Zirconium Nitrate	1	1	1	X
UPDI(Ultrapur Deionized Water)	1	2	3	X					
Uranium Hexachloride	X	X	1	X					
Uranium Hexafluoride	X	X	X	X					
Uranium Sulfate	X	X	X	X					
Uric Acid	1	2	3	X					
Valeraldehyde	1	2	3	X					
Valeric Acid	1	2	3	X					
Vanadium Oxide	4	2	1	X					
Vanadium Pentoxide	4	2	1	X					
Varnish	4	4	1	X					