

# Common Fluid Compatibility

This Table is a brief guide to some of the more common hydraulic, pneumatic and general service fluids. These are general guidelines only and users must perform their own functional tests to determine the suitability of any fluid / material combination. For more detailed information on these or others not listed, contact Allegheny York Technical Services at 717- 266-6617 during business hours.

- 1 = Satisfactory**
- 2 = Marginal (Usually OK for static seal)**
- 3 = Doubtful (May be OK for static seal)**
- 4 = Unsatisfactory**
- T = Test compatability before using**
- X = Insufficient Data**
- \* = In Solution**

Material \ Fluid	Material							
	Nitrile	Nitroxile	Hytrel®	PolyMyte®	Polyurethane	Silicone	Ethylene Propylene	Viton®
Acetaldehyde	T	T	4	4	4	2	2	4
Acetamide	1	1	4	4	4	2	1	T
Acetic Acid / Glacial	2	2	4	4	4	2	2	4
Acetic Acid, 5%	2	2	4	4	4	4	1	1
Acetic Acid/Hot-High Press	4	4	4	4	4	3	T	4
Acetic Anhydride	4	4	4	4	4	2	2	4
Acetone	4	4	2	2	4	4	1	4
Acetophenone	4	4	4	4	4	4	1	4
Acetyl Acetone	4	4	4	4	4	4	1	4
Acetyl Chloride	4	4	4	4	4	3	4	1
Acetylene	1	1	4	4	4	2	1	1
AcetyleneTetrabromide	4	4	4	4	4	X	1	1
Acrylonitrile	4	4	4	4	4	4	4	T
Aero Lubriplate	1	1	1	1	1	2	4	1
Aero Shell 17 Grease	1	1	1	1	1	2	4	1
Aero Shell 750	2	2	4	4	4	4	4	1
Aero Shell 7A Grease	2	2	1	1	1	2	4	1
Aero Shellac	1	1	1	1	1	2	4	1
Aerosafe 2300	4	4	4	4	4	3	1	4
Aerosafe 2300W	4	4	4	4	4	3	1	4
Aerozene 50	T	T	4	4	4	4	1	4
Air @ 300 °F	2	2	4	4	2	1	2	1
Air @ 400 °F	4	4	4	4	4	1	4	1
Air @ 500 °F	4	4	4	4	4	2	4	T
Air Below 200 ° F	2	2	1	1	1	1	1	1
Alkali Metals	4	4	4	4	4	X	4	4
Alkazene	4	4	4	4	4	4	4	2
Aluminum Acetate	2	2	4	4	4	4	1	4
Aluminum Brom ide	1	1	T	T	T	1	1	1
Aluminum Chloride *	1	1	1	1	2	2	1	1
Aluminum Fluoride	1	1	T	T	T	2	1	1
Aluminum Nitrate	1	1	T	T	T	2	1	1
Aluminum Salts	1	1	T	T	T	1	1	1
Aluminum Sulfate *	1	1	1	1	4	1	1	1
Alum s-Nh3-Cr-K	1	1	X	X	X	1	1	4
Ambrex 33 (Mobil )	1	1	2	2	2	4	4	1
Ambrex 830 (Mobil)	1	1	1	1	1	2	2	1
Amines - Mixed	4	4	4	4	4	2	2	4
Ammonia - Gas - Cold	1	1	X	X	X	1	1	4
Ammonia - Gas - Hot	4	4	X	X	X	X	2	4
Ammonia & Lithium Metal	2	2	4	4	4	4	2	4
Ammonium Carbonate	4	4	4	4	4	X	1	1
Ammonium Hydroxide 3 Molar	4	4	4	4	1	1	1	1
Ammonium Hydroxide Concentrate	4	4	4	4	4	1	1	4
Ammonium Nitrate 2 N	1	1	X	X	X	X	1	X

Material \ Fluid	Material							
	Nitrile	Nitroxile	Hytrel®	PolyMyte®	Polyurethane	Silicone	Ethylene Propylene	Viton®
Ammonium Nitrite	1	1	X	X	X	2	1	X
Ammonium Persulfate 10 %	4	4	4	4	4	X	1	X
Ammonium Persulfate Sol.	4	4	4	4	4	X	1	X
Ammonium Phosphate	1	1	X	X	X	1	1	4
Ammonium Salts	1	1	X	X	X	1	1	T
Ammonium Sulfate *	1	1	4	4	T	X	1	4
Ammonium Sulfide	1	1	X	X	X	X	1	4
Amyl Acetate	4	4	X	X	4	4	1	4
Amyl Alcohol	2	2	X	X	4	4	1	2
Amyl Borate	1	1	X	X	X	X	4	1
Amyl Chloride	X	X	X	X	X	4	4	1
Amyl Chloronaphthalene	4	4	X	X	X	4	4	1
Anderol L -774	2	2	4	4	4	4	4	1
Anderol L -826	2	2	4	4	4	4	4	1
Anderol L -829	2	2	4	4	4	4	4	1
Ang -25 (D i-Ester Base )	2	2	4	4	4	2	4	1
Ang -25 (Glycerol Ester)	2	2	4	4	4	2	1	1
Anhydrous Ammonia	2	2	4	4	4	2	1	4
Anhydrous Hydrazine	4	4	4	4	4	X	2	4
Anhydrous Hydrogen Fluoride	4	4	X	X	X	X	1	4
Aniline	4	4	4	4	4	4	2	T
Aniline Dyes	4	4	4	4	4	3	2	2
Aniline Hydrochloride	2	2	4	4	4	3	2	2
Aniline Oil	4	4	4	4	4	4	2	T
Aniline Oil ( Lard Oil )	1	1	2	2	2	2	2	1
An -O -3 Grade M	1	1	1	1	1	2	4	1
An -O -366	1	1	1	1	1	4	4	1
An -O -6	1	1	1	1	1	4	4	1
Ansul Ether 161 Or 181	T	T	2	2	2	4	T	4
Antifreeze	1	1	4	4	4	1	1	1
An-Vv-O-366 B Hydr. Fluid	1	1	2	2	2	4	4	1
Argon	1	1	1	1	1	1	1	1
Aroclor 1248	T	T	4	4	4	2	2	1
Aroclor 1254	4	4	4	4	4	3	2	1
Aroclor 1260	1	1	4	4	4	1	X	1
Aromatic Fuel - 50%	2	2	4	4	4	4	4	1
Arsenic Acid	1	1	T	T	T	1	1	1
Askarel	2	2	4	4	4	4	4	1
Asphalt	2	2	2	2	2	4	4	1
Astm Oil #1 @ 158°F	1	1	1	1	1	1	4	1
Astm Oil #2	1	1	1	1	1	4	4	1
Astm Ref Fuel A	1	1	1	1	1	4	4	1
Astm Ref Fuel B	1	1	1	1	1	2	4	1
Astm Ref Fuel C	4	2	2	2	4	4	4	1
Atl-857	2	2	4	4	4	4	4	1

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Material Fluid	Material							
	Nitrile	Nitroxile	Hytre <sup>®</sup>	PolyMyte <sup>®</sup>	Polyurethane	Silicone	Ethylene Propylene	Viton <sup>®</sup>
Atlantic Dominion F	1	1	2	2	2	4	4	1
Aurex 903 R (Mobil)	1	1	1	1	1	4	4	1
Automotive Brake Fluid	T	T	4	4	4	3	1	4
Bardol B	4	4	4	4	4	4	4	1
Barium Chloride	1	1	1	1	1	1	1	1
Barium Hydroxide	1	1	T	T	T	1	1	1
Barium Salts	1	1	1	1	1	1	1	1
Barium Sulfide	1	1	1	1	1	1	1	1
Bayol 35	1	1	2	2	2	4	4	1
Bayol D	1	1	4	4	4	4	4	1
Beer	1	1	2	2	2	1	1	1
Beet Sugar Liquors	1	1	4	4	4	1	1	1
Benzaldehyde	4	4	4	4	4	2	1	4
Benzene	4	4	4	4	4	4	4	1
Benzoic sulfonic Acid 10 %	4	4	4	4	4	4	4	1
Benzoic Acid	4	4	4	4	4	4	4	1
Benzophenone	X	X	4	4	4	X	2	1
Benzyl Alcohol	4	4	4	4	4	2	2	1
Benzyl Benzoate	4	4	4	4	4	4	4	1
Benzyl Chloride	4	4	4	4	4	4	4	1
Benzyl Chloride	4	4	X	X	T	4	4	1
Black Point 77	1	1	T	T	T	3	1	1
Blast Furnace Gas	4	4	4	4	4	1	4	1
Bleach Liquor	T	T	4	4	4	2	1	1
Bordeaux Mixture	2	2	4	4	4	2	1	1
Boron Fluids (Hef)	2	2	4	4	4	4	4	1
Brake Fluid Dot3 (Glycol Type )	T	T	4	4	4	3	1	4
Bray G g - 130	2	2	4	4	4	4	4	1
Brayco 885 (Mil-L-6085A)	2	2	1	1	1	4	4	1
Brayco 910	2	2	T	T	T	4	1	4
Bret 710	2	2	T	T	T	4	1	4
Bromine	4	4	4	4	4	4	4	1
Bromine Pentafluoride	4	4	4	4	4	4	4	4
Bromine Trifluoride	4	4	4	4	4	4	4	4
Bromine Water	4	4	4	4	4	4	2	1
Bromobenzene	4	4	4	4	4	4	4	1
Bromochloro Trifluoroethane	4	4	4	4	4	4	4	1
Bunker Oil	1	1	2	2	2	2	4	1
Butadiene (Monomer)	4	4	4	4	4	4	4	1
Butane	1	1	1	1	2	4	4	1
Butanol (Butyl Alcohol)	1	1	4	4	4	2	2	1
Butyl Acetyl Ricinoleate	2	2	4	4	4	X	1	1
Butyl Acrylate	4	4	X	X	X	X	4	4
Butyl Alcohol	1	1	4	4	4	2	2	1
Butyl Carbitol	4	4	X	X	X	4	1	T
Butyl Cellosolve	T	T	4	4	4	X	2	4
Butyl Cellosolve Adipate	4	4	4	4	4	2	2	2
Butyl Oleate	4	4	X	X	X	X	2	1
Butyl Stearate	2	2	X	X	X	X	4	1
Butylene	2	2	4	4	4	4	4	1
Butyraldehyde	4	4	X	X	4	4	2	4

Material Fluid	Material							
	Nitrile	Nitroxile	Hytre <sup>®</sup>	PolyMyte <sup>®</sup>	Polyurethane	Silicone	Ethylene Propylene	Viton <sup>®</sup>
Butyric Acid	4	4	X	X	X	X	2	2
Calcine Liquors	1	1	4	4	4	X	1	1
Calcium Acetate	2	2	4	4	4	4	1	4
Calcium Carbonate	1	1	T	T	T	1	1	1
Calcium Cyanide	1	1	X	X	X	1	1	X
Calcium Phosphate	1	1	1	1	1	1	1	1
Calcium Salts	1	1	1	1	1	2	1	1
Calcium Silicate	1	1	X	X	X	X	1	1
Calcium Sulfide	1	1	1	1	1	1	1	1
Calcium Sulfite	1	1	1	1	1	1	1	1
Calcium Thiosulfate	2	2	1	1	1	1	1	1
Caliche Liquors	1	1	1	1	1	2	1	1
Cane Sugar Liquors	1	1	4	4	4	1	1	1
Caprolic Aldehyde	X	X	4	4	4	2	2	4
Carbamate	T	T	4	4	4	X	2	1
Carbitol	2	2	4	4	4	2	2	2
Carbolic Acid Phenol	4	4	T	T	T	4	2	1
Carbon Bisulfide	4	4	X	X	T	4	4	1
Carbon Dioxide	1	1	1	1	1	1	2	2
Carbon Disulfide	4	4	X	X	X	4	4	1
Carbon Monoxide	1	1	1	1	1	1	1	1
Carbonic Acid	2	2	1	1	1	1	1	1
Cellosolve	4	4	4	4	4	4	2	4
Cellosolve Butyl	4	4	4	4	4	4	2	4
Cetane (Hexadecane )	1	1	4	4	4	4	4	1
Chlordane	2	2	X	X	X	4	4	1
Chlorextol	2	2	4	4	4	4	4	1
Chlorinated Solvents , Dry	4	4	4	4	4	4	4	1
Chlorinated Solvents , Wet	4	4	4	4	4	4	4	1
Chlorine Dioxide	4	4	4	4	4	X	T	1
Chlorine Trifluoride	4	4	4	4	4	4	4	4
Chlorine , Dry	4	4	X	X	X	4	X	2
Chlorine , Wet	4	4	X	X	X	4	X	2
Chloroacetic Acid	4	4	4	4	X	X	2	4
Chloroacetone	4	4	4	4	4	4	1	4
Chlorobenzene	4	4	4	4	X	4	4	1
Chlorobromo Methane	4	4	4	4	4	4	2	1
Chlorobutadiene	4	4	4	4	4	4	4	1
Chlorododecane	4	4	4	4	4	4	4	1
Chloroform	4	4	4	4	4	4	4	1
Chlorotoluene	4	4	4	4	4	4	4	1
Chlorox	2	2	4	4	4	X	2	1
Chrome Alum	1	1	X	X	X	1	1	1
Chrome Plating Solutions	4	4	4	4	4	2	2	1
Circo Light Process Oil	1	1	1	1	1	4	4	1
City Service Pacemaker # 2	1	1	2	2	2	4	4	1
Cobalt Chloride	1	1	1	1	1	2	1	1
Coconut Oil	1	1	T	T	T	1	T	1
Cod Liver Oil	1	1	1	1	1	2	1	1
Coffee	1	1	4	4	4	1	1	1
Coke Oven Gas	4	4	4	4	4	2	4	1

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	Nitrile	Nitroxile	Hytrel®	PolyMyte®	Polyurethane	Silicone	Ethylene Propylene Viton®	
Coliche Liquors	2	2	X	X	X	X	2	X
Convelex 10	4	4	2	2	2	4	X	X
Copper Acetate	2	2	4	4	4	4	1	4
Copper Cyanide	1	1	1	1	1	1	1	1
Copper Salts	1	1	1	1	1	1	1	1
Copper Sulfate 10 %	1	1	2	2	2	1	1	1
Copper Sulfate 50 %	1	1	T	T	T	1	1	1
Corn Oil	1	1	1	1	1	1	T	1
Creosote , Coal Tar	1	1	T	T	T	4	4	1
Creosote , Wood	1	1	T	T	T	4	4	1
Cresols	4	4	X	X	X	4	4	2
Cumene	4	4	4	4	4	4	4	1
Cutting Oil	1	1	1	1	1	4	4	1
Cyclohexane	1	1	1	1	1	4	4	1
Cyclohexanol	1	1	X	X	X	4	4	1
Cyclohexanone	4	4	4	4	4	4	2	4
Decalin	4	4	X	X	X	4	4	1
Decane	1	1	2	2	2	2	4	1
Delco Brake Fluid	T	T	X	X	X	3	1	4
Denatured Alcohol	1	1	4	4	4	1	1	1
Detergent, Water Solution	1	1	4	4	4	1	1	1
Developing Fluids (Photo )	1	1	X	X	X	1	2	1
Dexron	1	1	2	2	2	4	4	1
Diacetone	4	4	4	4	4	4	1	4
Diazinon	T	T	X	X	X	4	4	2
Dibenzyl Ether	4	4	2	2	2	X	2	4
Dibenzyl Sebacate	4	4	2	2	2	3	2	2
Dibromoethyl Benzene	4	4	4	4	4	4	4	1
Dibutyl Ether	4	4	2	2	2	4	T	T
Dibutyl Sebacate	4	4	4	4	4	2	2	2
Dibutylamine	4	4	4	4	4	3	4	4
Dicyclohexylamine	T	T	4	4	4	X	4	4
Diesel Oil	1	1	T	T	T	4	4	1
Di-Ester Synthetic Lubricants	2	2	4	4	4	4	4	1
Diethyl Sebacate	4	4	4	4	4	2	2	2
Diethylamine	2	2	T	T	T	2	2	4
Diethylene Glycol	1	1	4	4	4	2	1	1
Difluorodibromomethane	4	4	4	4	4	4	2	X
Diisobutyl Ketone	X	X	X	X	X	X	1	X
Diisobutylene	2	2	4	4	4	4	4	1
Diisooctyl Sebacate	T	T	4	4	4	3	T	2
Diisopropyl Ketone	4	4	4	4	4	4	1	4
Dimethyl Formamide (Dmf)	2	2	4	4	4	2	1	4
Dimethyl Phthalate	4	4	X	X	X	X	2	2
Dinitro Toluene	4	4	4	4	4	4	4	4
Diocetyl Phthalate	4	4	1	1	4	3	2	2
Diocetyl Sebacate	4	4	2	2	2	3	2	2
Dioxane	4	4	4	4	4	4	2	4
Dioxolane	4	4	4	4	4	4	2	4
Dipentene	2	2	4	4	4	4	4	1
Diphenyl	4	4	4	4	4	4	4	1

Material Fluid	Material							
	Nitrile	Nitroxile	Hytrel®	PolyMyte®	Polyurethane	Silicone	Ethylene Propylene Viton®	
Diphenyl Oxides	4	4	4	4	4	3	4	1
Dow Chemical Et378	4	4	2	2	2	4	X	X
Dow Chemical E t588	T	T	X	X	X	X	1	4
Dow Guard	1	1	T	T	T	1	1	1
Dowtherm , 209	T	T	X	X	X	3	1	4
Dowtherm , E	T	T	4	4	4	4	1	4
Drinking Water	1	1	4	4	4	1	1	1
Dry Cleaning Fluids	T	T	4	4	4	4	4	1
Dte 20 Series , Mobil	2	2	1	1	1	4	4	1
Epichlorohydrin	4	4	4	4	4	4	2	4
Epoxy Resins	X	X	X	X	X	X	1	4
Esam - 6 Fluid	X	X	X	X	X	X	1	4
Esso Fuel 208	1	1	4	4	4	4	4	1
Esso Golden Gasoline	2	2	4	4	4	4	4	1
Esso Motor Oil	1	1	4	4	4	4	4	1
Esstic 42 , 43	1	1	2	2	2	4	4	1
Ethane	1	1	T	T	T	4	4	1
Ethanol	T	T	4	4	4	2	1	T
Ethanol Amine	2	2	T	T	T	2	2	4
Ethers	4	4	2	2	2	4	T	T
Ethyl Acetate - Organic Ester	4	4	4	4	4	2	2	4
Ethyl Acetoacetate	4	4	4	4	4	2	2	4
Ethyl Acrylate	4	4	4	4	4	2	2	4
Ethyl Alcohol	1	1	1	1	4	2	1	2
Ethyl Benzoate	4	4	4	4	4	4	4	1
Ethyl Bromide	2	2	X	X	X	X	4	1
Ethyl Cellosolve	4	4	4	4	4	4	2	4
Ethyl Cellulose	2	2	2	2	2	2	2	4
Ethyl Chloride	1	1	1	1	1	2	4	1
Ethyl Chlorocarbonate	4	4	4	4	4	4	2	1
Ethyl Chloroformate	4	4	4	4	4	4	2	4
Ethyl Ether	T	T	2	2	2	4	T	4
Ethyl Formate	4	4	X	X	X	X	2	1
Ethyl Hexanol	1	1	4	4	4	2	1	1
Ethyl Mercaptan	4	4	X	X	X	3	X	2
Ethyl Oxalate	4	4	X	X	X	4	1	2
Ethyl Pentachlorobenzene	4	4	4	4	4	4	4	1
Ethyl Silicate	1	1	X	X	X	X	1	1
Ethylacrylic Acid	4	4	4	4	4	4	2	X
Ethylcyclopentane	1	1	1	1	1	4	4	1
Ethylene Chloride	4	4	4	4	4	4	4	2
Ethylene Chlorohydrin	4	4	4	4	4	3	2	1
Ethylene Diamine	1	1	4	4	4	1	1	4
Ethylene Dibromide	4	4	4	4	4	4	T	1
Ethylene Dichloride	4	4	4	4	4	4	2	4
Ethylene Glycol	1	1	1	1	2	1	1	1
Ethylene Oxide	4	4	X	X	X	4	2	4
Ethylene Trichloride	4	4	4	4	4	4	T	1
F - 61 Fluid (Dow Corning )	1	1	1	1	1	4	1	1
Fatty Acids	2	2	X	X	X	3	T	1
Fc - 4 3 Heptacosofluorotri-Butylamine	1	1	X	X	X	1	1	1

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Fc 75 & Fc 77 (Fluorocarbon )	1	1	X	X	X	1	1	2
Ferric Nitrate	1	1	1	1	1	2	1	1
Fisher Reagent	X	X	X	X	X	X	2	X
Fluorolube	1	1	X	X	X	1	1	2
Formaldehyde	T	T	4	4	4	2	2	4
Freon , 114B2	2	2	X	X	X	4	4	2
Fumaric Acid	1	1	X	X	X	2	2	1
Fuming Sulphuric Acid (20/2 5% Oleum	4	4	4	4	4	4	4	1
Furan ( Furfuran )	4	4	X	X	X	X	T	X
Furfural	4	4	4	4	4	4	2	4
Furfuraldehyde	4	4	X	X	X	4	2	4
Furfuryl Alcohol	4	4	4	4	4	4	2	X
Furyl Carbinol	4	4	4	4	4	4	2	X
Gallic Acid	2	2	4	4	4	X	2	1
Gasoline	1	1	1	1	2	4	4	1
Gelatin	1	1	4	4	4	1	1	1
Girling Brake Fluid	T	T	X	X	X	X	1	4
Glacial Acetic Acid	2	2	4	4	4	2	2	4
Glauber's Salt	4	4	X	X	X	X	2	1
Glucose	1	1	4	4	4	1	1	1
Green Sulphate Liquor	2	2	4	4	4	X	1	1
Gulf Endurance Oils	1	1	1	1	1	4	4	1
Gulf Fr Fluids (Emulsion )	1	1	1	1	1	4	4	1
Gulf Harmony Oils	1	1	1	1	1	4	4	1
Gulf High Temperature Grease	1	1	1	1	1	4	4	1
Gulf Legion Oils	1	1	1	1	1	4	4	1
Gulf Paramount Oils	1	1	2	2	2	4	4	1
Gulf Security Oils	1	1	2	2	2	4	4	1
Gulfcrown Grease	1	1	1	1	1	4	4	1
Halothane	4	4	4	4	4	4	4	1
Halowax Oil	4	4	X	X	X	4	4	1
Hannifin Lube A	1	1	1	1	1	2	4	1
Heavy Water	1	1	4	4	4	1	1	X
Hef-2 (High Energy Fuel )	2	2	4	4	4	4	4	1
Helium	1	1	1	1	1	1	1	1
Hexyl Alcohol	1	1	4	4	4	2	T	1
High Viscosity Lubricant, H2	1	1	4	4	4	1	1	1
High Viscosity Lubricant, U4	1	1	4	4	4	1	1	1
Hilo Ms # 1	4	4	4	4	4	3	1	4
Houghto - Safe 416 & 500 Series	1	1	X	X	X	X	1	X
Houghto - Safe 5040 (Water /Oil Emulsion	1	1	4	4	4	3	4	1
Houghto - Safe 620 Water/Glycol	1	1	4	4	4	2	1	2
Hydraulic Oil, Petroleum Base, Industrial	1	1	1	1	1	2	4	1
Hydrazine	2	2	4	4	4	2	1	4
Hydrobromic Acid	4	4	4	4	4	4	1	1
Hydrobromic Acid 40%	4	4	4	4	4	4	1	1
Hydrocarbons , Saturated	1	1	2	2	2	4	4	1
Hydrochloric Acid , 3 Molar To 158 °F	2	2	4	4	4	4	1	1
Hydrocyanic Acid	2	2	N	N	T	3	2	1
Hydro - Drive Mih - 10 (Petro. Base)	1	1	2	2	2	2	4	1
Hydrofluosilicic Acid	2	2	X	X	X	4	1	1

Material Fluid	Material							
	Nitrile	Nitroxile	Hytrel®	PolyMyte®	Polyurethane	Silicone	Ethylene Propylene	Viton®
Hydrogen Gas , Cold	1	1	1	1	1	3	1	1
Hydrogen Gas , Hot	1	1	1	1	1	3	1	1
Hydrogen Peroxide	2	2	X	X	X	X	1	1
Hydroquinone	T	T	X	X	X	X	2	2
Hydyne	4	4	X	X	X	X	2	1
Hypochlorous Acid	4	4	X	X	X	X	2	1
Industron Ff44	1	1	2	2	2	4	4	1
Industron Ff48	1	1	2	2	2	4	4	1
Industron Ff53	1	1	2	2	2	4	4	1
Industron Ff80	1	1	2	2	2	4	4	1
Iodine	2	2	X	X	X	X	2	1
Iodine Pentafluoride	4	4	4	4	4	4	4	4
Isobutyl Alcohol	2	2	4	4	4	1	1	1
Iso - ButylN - Butyrate	4	4	X	X	X	X	1	1
Isododecane	1	1	X	X	X	4	4	1
Isophorone (Ketone )	4	4	4	4	4	4	2	4
Isopropanol	2	2	4	4	4	1	1	1
Isopropyl Alcohol	2	2	1	1	4	1	1	1
Isopropyl Chloride	4	4	4	4	4	4	4	1
Isopropyl Ether	2	2	X	X	2	4	4	4
Jp - 10	T	T	T	T	T	4	4	1
Jp - 4 (Mil -T - 5624 )	1	1	2	2	2	4	4	1
Jp - 5 (Mil - T -5624 )	1	1	2	2	2	4	4	1
Jp - 6 (Mil - J - 25656 )	1	1	2	2	2	4	4	1
Jp - 8 (Mil - T - 83133 )	1	1	1	1	1	4	4	1
Jp - 9 (Mil - F - 81912 )	T	T	T	T	T	4	4	1
Kel F Liquids	1	1	X	X	X	1	1	2
Lacquer Solvents	4	4	2	2	4	4	4	4
Lacquers	4	4	4	4	4	4	4	4
Lactones (Cyclic Esters )	4	4	4	4	4	2	2	4
Lead Acetate	2	2	4	4	4	4	1	4
Lead Nitrate	1	1	X	X	X	2	1	X
Lead Sulphamate	2	2	X	X	X	2	1	1
Lehigh X1169	1	1	1	1	1	4	4	1
Lehigh X1170	1	1	1	1	1	4	4	1
Ligroin (Petroleum Ether OrBenzine)	1	1	2	2	2	4	4	1
Linoleic Acid	2	2	X	X	X	2	4	2
Linseed Oil	1	1	1	1	2	1	2	1
Liquid Oxygen (Lox)	4	4	4	4	4	4	4	4
Liquid Petroleum Gas (Lpg )	1	1	1	1	1	3	4	1
Liquimoly	1	1	2	2	2	4	4	1
Lubricating Oils , Di - Ester	2	2	2	2	2	4	4	1
Lye Solutions	2	2	4	4	4	2	1	2
Magnesium Salts	1	1	1	1	1	1	1	1
Magnesium Sulphite And Sulphate	1	1	X	X	X	1	1	1
Malathion	2	2	X	X	X	4	4	1
Maleic Acid	4	4	X	X	X	X	4	1
Maleic Anhydride	4	4	X	X	X	X	2	4
MalicAcid	1	1	X	X	X	2	2	1
Mcs 312	4	4	X	X	X	1	4	1
Mcs 352	4	4	4	4	4	3	1	4

# Common Fluid Compatibility

Material  Fluid	Material							
	Nitrile	Nitroxile	Hytrel®	PolyMyte®	Polyurethane	Silicone	Ethylene Propylene Viton®	
Mcs 463	4	4	4	4	4	3	1	4
Mercuric Chloride	1	1	X	X	X	X	1	1
Mercury	1	1	1	1	1	X	1	1
Mercury Vapors	1	1	X	X	X	X	1	1
Mesityl Oxide (Ketone )	4	4	4	4	4	4	2	4
Methane	1	1	T	T	T	4	4	1
Methanol	1	1	4	4	4	1	1	4
Methyl Acetate	4	4	4	4	4	4	2	4
Methyl Acetoacetate	4	4	4	4	4	2	2	4
Methyl Acrylate	4	4	4	4	4	4	2	4
Methyl Alcohol	1	1	2	2	4	1	1	4
Methyl Benzoate	4	4	4	4	4	4	4	1
Methyl Bromide	2	2	X	X	X	X	4	1
Methyl Butyl Ketone	4	4	4	4	4	4	1	4
Methyl Carbonate	4	4	4	4	4	4	4	1
Methyl Cellosolve	T	T	4	4	4	4	2	4
Methyl Cellulose	2	2	2	2	2	2	2	4
Methyl Chloride	4	4	4	4	4	4	T	1
Methyl Chloroformate	4	4	4	4	4	4	4	1
Methyl Ether	1	1	X	X	X	1	4	1
Methyl Ethyl Ketone Peroxide	4	4	4	4	4	2	4	4
Methyl Formate	4	4	X	X	X	X	2	X
Methyl Isobutyl Ketone (Mibk )	4	4	4	4	4	4	T	4
Methyl Isopropyl Ketone	4	4	4	4	4	4	2	4
Methyl Mercaptan	X	X	X	X	X	X	1	X
Methyl Methacrylate	4	4	X	X	X	4	4	4
Methyl Oleate	4	4	X	X	X	X	2	1
Methyl Salicylate	4	4	X	X	X	X	2	X
Methylacrylic Acid	4	4	4	4	4	4	2	T
Methylcyclopentane	4	4	4	4	4	4	4	2
Methylene Chloride	4	4	4	4	4	4	4	2
Mil - A - 6091	2	2	4	4	4	1	1	1
Mil-C - 4339	1	1	1	1	1	3	4	1
Mil-C - 8188	2	2	4	4	4	4	4	2
Mil-E - 9500	1	1	4	4	4	1	1	1
Mil-F - 16884	1	1	T	T	T	4	4	1
Mil-F - 17111	1	1	T	T	T	4	4	1
Mil-F - 25558 (Rj-1 )	1	1	1	1	1	4	4	1
Mil-F - 25656	1	1	2	2	2	4	4	1
Mil-F - 5566	2	2	2	2	2	1	1	1
Mil-G - 10924	1	1	1	1	1	4	4	1
Mil-G - 15793	1	1	1	1	1	4	4	1
Mil-G - 21568	1	1	1	1	1	4	1	1
Mil-G - 25013	1	1	T	T	T	4	1	1
Mil-G - 25537	1	1	1	1	1	4	4	1
Mil-G - 25760	2	2	2	2	2	4	4	1
Mil-G - 3278	2	2	2	2	2	4	4	1
Mil-G - 3545	1	1	1	1	1	4	4	1
Mil-G - 5572	1	1	2	2	2	4	4	1
Mil-G - 7118	2	2	T	T	T	4	4	1
Mil-G - 7187	1	1	1	1	1	4	4	1

Material  Fluid	Material							
	Nitrile	Nitroxile	Hytrel®	PolyMyte®	Polyurethane	Silicone	Ethylene Propylene Viton®	
Mil-G - 7421	2	2	2	2	2	4	4	1
Mil-G - 7711	1	1	1	1	1	2	4	1
Mil-H - 13910	1	1	4	4	4	4	1	1
Mil-H - 19457	4	4	4	4	4	3	2	1
Mil-H - 22251	2	2	X	X	X	4	1	X
Mil-H - 27601	1	1	T	T	T	4	4	1
Mil-H - 6083	1	1	1	1	1	4	4	1
Mil-H - 7083	1	1	4	4	4	1	1	2
Mil-H - 8446 (Mlo - 8515 )	2	2	4	4	4	4	4	1
Mil-J - 5161	2	2	2	2	2	4	4	1
Milk	1	1	4	4	4	1	1	1
Mil-L - 15016	1	1	1	1	1	4	4	1
Mil-L - 15017	1	1	1	1	1	4	4	1
Mil-L - 17331	1	1	X	X	X	4	4	1
Mil-L - 2104	1	1	1	1	1	4	4	1
Mil-L - 21260	1	1	1	1	1	4	4	1
Mil-L - 23699	2	2	T	T	T	4	4	1
Mil-L - 25681	2	2	T	T	T	4	1	1
Mil-L - 3150	1	1	2	2	2	4	4	1
Mil-L - 6081	1	1	1	1	1	4	4	1
Mil-L - 6082	1	1	1	1	1	3	4	1
Mil-L - 6085	2	2	T	T	T	4	4	1
Mil-L - 6387	2	2	1	1	1	4	4	1
Mil-L - 7808	2	2	4	4	4	4	4	1
Mil-L - 7870	1	1	2	2	2	4	4	1
Mil-L - 9000	1	1	T	T	T	4	4	1
Mil-L - 9236	2	2	2	2	2	4	4	1
Mil-O - 3503	1	1	1	1	1	4	4	1
Mil-P - 27402	2	2	X	X	X	4	1	X
Mil-R - 25576 (Rp -1 )	1	1	1	1	1	4	4	1
Mil-S - 3136 , Type I Fuel	1	1	1	1	1	4	4	1
Mil-T - 83133	1	1	1	1	1	4	4	1
Mlo - 7277 Hydr.	T	T	T	T	T	4	4	1
Mlo - 7557	T	T	T	T	T	4	4	1
Mlo - 8200 Hydr.	2	2	1	1	1	4	4	1
Mlo - 8515	2	2	1	1	1	4	4	1
Mobil Shc 500 Series	T	T	2	2	2	2	4	1
Mobil Shc 600 Series	T	T	1	1	1	3	4	1
Mobilgear 600 Series	T	T	2	2	2	1	T	1
Mobilgear Shc Iso Series	T	T	2	2	2	1	T	1
Mobilgrease Hp	2	2	1	1	1	2	4	1
Mobilgrease Hts	2	2	1	1	1	2	4	1
Mobilgrease Sm	2	2	1	1	1	2	4	1
Mobilith Aw Series	2	2	1	1	1	2	4	1
Mobilith Shc Series	2	2	1	1	1	2	4	1
Mobilmistlube Series	T	T	2	2	2	1	T	1
Mono Bromobenzene	4	4	4	4	4	4	4	1
MonoEthanolamine	4	4	4	4	4	4	2	4
Monochlorobenzene	4	4	4	4	4	4	4	1
Monomethyl Hydrazine	2	2	X	X	X	4	1	X
Monomethylaniline	4	4	4	4	4	X	2	2

# Common Fluid Compatibility

Material Fluid	Material							
	Nitrile	Nitroxile	Hytrel®	PolyMyte®	Polyurethane	Silicone	Ethylene Propylene	Viton®
Monovinyl Acetylene	1	1	X	X	X	2	1	1
Mopar Brake Fluid	T	T	X	X	X	3	1	4
Naphthenic Acid	2	2	X	X	X	4	4	1
Natural Gas	1	1	2	2	2	4	4	1
Neatsfoot Oil	1	1	1	1	1	2	2	1
Neon	1	1	1	1	1	1	1	1
Nickel Acetate	2	2	4	4	4	4	1	4
Nickel Chloride	1	1	T	T	T	1	1	1
Nickel Salts	1	1	T	T	T	1	1	1
Nickel Sulfate	1	1	T	T	T	1	1	1
Niter Cake	1	1	1	1	1	1	1	1
Nitric Acid 3 Molar To 158 °F	4	4	4	4	4	4	2	T
Nitric Acid Concentrated Room Temp.	X	X	X	X	X	X	4	2
Nitric Acid Concentrated To 158 °F	4	4	4	4	4	4	4	4
Nitrobenzene	4	4	4	4	4	4	4	2
Nitroethane	4	4	4	4	4	4	2	4
Nitrogen	1	1	1	1	1	1	1	1
Nitromethane	4	4	4	4	4	4	2	4
Nitropropane	4	4	4	4	4	4	2	4
Nitrous Oxide	1	1	X	X	X	1	1	1
Noryl Ge Phenolic	1	1	X	X	X	X	1	X
Octachloro Toluene	4	4	4	4	4	4	4	1
Octadecane	1	1	1	1	1	4	4	1
Octyl Alcohol	2	2	4	4	4	2	T	1
Oleic Acid	2	2	2	2	2	4	4	2
Oleum Spirits	2	2	T	T	T	4	4	1
Olive Oil	1	1	1	1	1	3	2	1
Oronite 8200	2	2	1	1	1	4	4	1
Oronite 8515	2	2	1	1	1	4	4	1
Orthochloro Ethyl Benzene	4	4	4	4	4	4	4	1
Ortho - Dichlorobenzene	4	4	4	4	4	4	4	1
Os 45 Type III (Os 45 )	2	2	4	4	4	4	4	1
Os 45 Type Iv (Os 45 -1 )	2	2	4	4	4	4	4	1
Os 70	2	2	4	4	4	4	4	1
Oxalic Acid	2	2	X	X	X	2	1	1
Ozone	4	4	1	1	1	1	1	1
Paint Thinner, Duco	4	4	4	4	4	4	4	2
Palmitic Acid	1	1	1	1	1	4	4	1
Para - Dichlorobenzene	4	4	4	4	4	4	4	1
Peanut Oil	1	1	2	2	2	1	T	1
Pentane , 3 - Methyl	1	1	4	4	4	4	4	1
Petrolatum	1	1	1	1	1	4	4	1
Petroleum Oil, Above 250 °F	4	4	4	4	4	4	4	2
Petroleum Oil, Below 250 °F	1	1	2	2	2	2	4	1
Petroleum Oil, Crude	1	1	1	1	1	4	4	1
Phenol	4	4	4	4	4	4	4	1
Phenyl Ethyl Ether	4	4	4	4	4	4	4	4
Phenylbenzene	4	4	4	4	4	4	4	1
Phenyldiazine	4	4	X	X	X	X	2	1
Phorone	4	4	4	4	4	4	T	4
Phosphoric Acid 3 Molar To 158 °F	1	1	4	4	4	2	1	1

Material Fluid	Material							
	Nitrile	Nitroxile	Hytrel®	PolyMyte®	Polyurethane	Silicone	Ethylene Propylene	Viton®
Phosphoric Acid Concen. To 158 °F	4	4	4	4	4	4	1	1
Phosphorous Trichloride	4	4	X	X	X	X	1	1
Pickling Solution	4	4	X	X	X	4	4	2
Pine Oil	1	1	X	X	X	4	4	1
Pinene	2	2	2	2	2	4	4	1
Piperidine	4	4	4	4	4	4	4	4
Pneumatic Service	1	1	1	1	1	4	1	1
Polyvinyl Acetate Emulsion	X	X	X	X	X	X	1	X
Potassium Acetate	2	2	4	4	4	4	1	4
Potassium Cupro Cyanide	1	1	1	1	1	1	1	1
Potassium Cyanide	1	1	1	1	1	1	1	1
Potassium Nitrate	1	1	1	1	1	1	1	1
Potassium Salts	1	1	1	1	1	1	1	1
Potassium Sulphate	1	1	1	1	1	1	1	1
Prestone Antifreeze	1	1	4	4	4	1	1	1
Producer Gas	1	1	1	1	1	2	4	1
Propane	1	1	T	T	T	4	4	1
Propyl Acetate	4	4	4	4	4	4	2	4
Propyl Alcohol	1	1	4	4	4	1	1	1
Propyl Nitrate	4	4	X	X	X	4	2	4
Propylene	4	4	4	4	4	4	4	1
Propylene Oxide	4	4	4	4	4	4	2	4
Pydraul, 115E	4	4	4	4	4	4	1	1
Pydraul, 230C, 312C, 540C, A200	4	4	4	4	4	4	4	1
Pyridine Oil	4	4	X	X	X	4	2	4
Pyroligneous Acid	4	4	4	4	4	X	2	4
Pyrolube	4	4	4	4	4	2	2	1
Pyrrole	4	4	X	X	X	2	4	4
Rapeseed Oil	2	2	2	2	2	4	1	1
Red Line 100 Oil	1	1	1	1	1	4	4	1
Red Oil (Mil - H - 5606 )	1	1	1	1	1	4	4	1
Sal Ammoniac	1	1	1	1	1	2	1	1
Salicylic Acid	2	2	X	X	X	X	1	1
Santo Safe 300	4	4	X	X	X	1	T	1
Sea (Salt) Water	1	1	2	2	2	1	1	1
Sewage	1	1	4	4	4	1	1	1
Sf1147 Ge Silicone Fluid	2	2	X	X	X	4	T	1
Sf96 Ge Silicone Fluid	2	2	2	2	2	4	1	1
Shell Alvania Grease # 2	1	1	1	1	1	2	4	1
Shell Carnea 19 And 29	1	1	2	2	2	X	4	1
Shell Diala	1	1	2	2	2	4	4	1
Shell Irus 905	1	1	1	1	1	4	4	1
Shell Lo Hydrax 27 And 29	1	1	2	2	2	4	4	1
Shell Macome 72	1	1	2	2	2	4	4	1
Shell Umf (5 % Aromatic)	1	1	1	1	1	4	4	1
Silicate Esters	2	2	1	1	1	4	4	1
Silicone Greases	1	1	1	1	1	3	1	1
Silicone Oils	1	1	1	1	1	3	1	1
Silver Nitrate	2	2	1	1	1	1	1	1
Sinclair Opaline Cx-Ep Lube	1	1	4	4	4	4	4	1
Skelly, Solvent B , C , E	1	1	4	4	4	X	4	1



## Common Fluid Compatibility

Material Fluid	Material						
	Nitrile	Nitroxile	Hytrel®	PolyMyte®	Polyurethane	Silicone	Ethylene Propylene Viton®
Skydrol 500 B4	4	4	4	4	4	3	1 4
Skydrol Ld - 4	4	4	4	4	4	3	1 4
Soap Solutions	1	1	1	1	1	1	1 2
Socony Mobile Type A	1	1	4	4	4	4	4 1
Soda Ash	1	1	1	1	1	1	1 1
Sodium Acetate	2	2	4	4	4	4	1 4
Sodium Bicarbonate (Baking Soda )	1	1	1	1	1	1	1 1
Sodium Bisulfate Or Bisulfite	1	1	2	2	2	1	1 1
Sodium Borate	1	1	1	1	1	1	1 1
Sodium Carbonate (Soda Ash )	1	1	1	1	1	1	1 1
Sodium Chloride	1	1	1	1	1	1	1 1
Sodium Cyanide	1	1	X	X	X	1	1 X
Sodium Hypochlorite	2	2	4	4	4	2	1 1
Sodium Metaphosphate	1	1	X	X	X	X	1 1
Sodium Nitrate	2	2	X	X	X	4	1 X
Sodium Perborate	2	2	X	X	X	2	1 1
Sodium Phosphate (Dibasic )	1	1	1	1	1	4	1 1
Sodium Phosphate (Mono )	1	1	1	1	1	4	1 1
Sodium Phosphate (Tribasic )	1	1	1	1	1	1	1 1
Sodium Salts	1	1	1	1	1	1	1 1
Sodium Silicate	1	1	X	X	X	X	1 1
Sodium Sulphate	1	1	1	1	1	1	1 1
Sodium Sulphide And Sulfite	1	1	1	1	1	1	1 1
Sodium Thiosulfate	2	2	1	1	1	1	1 1
Sovasol No. 1 , 2 , And 3	1	1	2	2	2	4	4 1
Sovasol No. 73 And 74	2	2	2	2	2	4	4 1
Spry	1	1	1	1	1	1	2 1
Sr-10 Fuel	1	1	2	2	2	4	4 1
Sr-6 Fuel	2	2	2	2	2	4	4 1
Standard Oil Mobilube Gx90 -EPL	1	1	1	1	1	4	4 1
Stannic Chloride	1	1	1	1	T	2	1 4
Stannic Chloride , 50 %	1	1	X	X	X	2	1 1
Stauffer 7700	2	2	X	X	X	4	4 1
Stearic Acid	2	2	1	1	1	2	2 2
Stoddard Solvent	1	1	1	1	1	4	4 1
Styrene (Monomer)	4	4	X	X	X	4	4 2
Sucrose Solutions	1	1	4	4	4	1	1 1
Sulfur	4	4	X	X	X	X	1 1
Sulfur Chloride	4	4	X	X	X	3	4 1
Sulfur Dioxide , Liquidified Under	4	4	X	X	X	2	1 4
Sulfur Dioxide , Wet	4	4	X	X	X	2	1 4
Sulfur Liquors	2	2	X	X	X	4	2 1
Sulfuric Acid , 3 Molar To 158 ° F	2	2	4	4	4	1	1 1
Sulfuric Acid , Concen .A702 To 15	4	4	4	4	4	4	4 1
Sulfurous Acid	2	2	2	2	X	4	2 2
Sunoco SAE 10	1	1	1	1	1	4	4 1
Sunsafe (Fire Resist. Hydr. Fluid	1	1	4	4	4	X	4 1
Super Shell Gas	1	1	2	2	2	4	4 1
Swan Finch Ep Lube	1	1	1	1	1	4	4 1
Swan Finch Hypoid -90	1	1	1	1	1	4	4 1
Tar , Bituminous	1	1	X	X	X	2	1 1

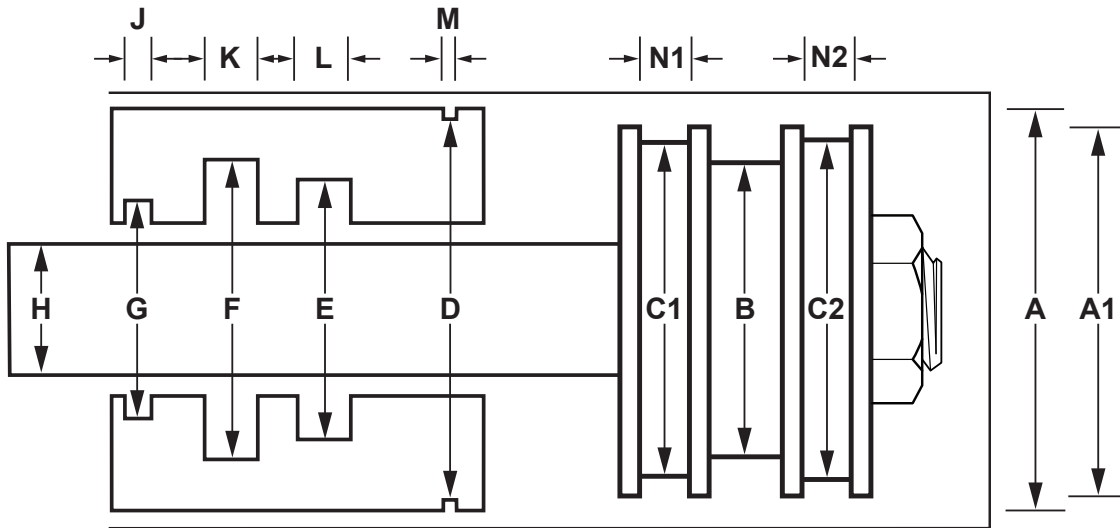
Material Fluid	Material						
	Nitrile	Nitroxile	Hytrel®	PolyMyte®	Polyurethane	Silicone	Ethylene Propylene Viton®
Tartaric Acid	1	1	1	1	1	1	2 2
Terpineol	1	1	2	2	2	X	2 1
Tertiary Butyl Alcohol	2	2	4	4	4	2	T 1
Tertiary Butyl Mercaptan	4	4	4	4	4	4	4 1
Tetrabromoethane	4	4	X	X	X	4	4 1
Tetrabutyl Titanate	2	2	X	X	X	4	1 1
Tetrachloroethylene	4	4	4	4	4	4	4 1
Tetrachoroethane	4	4	4	4	4	X	4 1
Tetraethyl Lead	2	2	X	X	X	X	4 1
Tetrahydrofuran	4	4	T	T	T	4	2 4
Tetralin	4	4	X	X	X	4	4 1
Texaco 3450 Gear Oil	1	1	1	1	1	4	4 1
Texaco Capella A And Aa	1	1	2	2	2	4	4 1
Texaco Meropa 220 (No Lead )	1	1	2	2	2	4	4 1
Texaco Regal B	1	1	1	1	1	4	4 1
Texaco Uni - Temp Grease	1	1	1	1	1	2	4 1
Texas 1500 Oil	1	1	1	1	1	2	4 1
Thermino I 44	4	4	X	X	X	4	4 1
Thermino I 55	2	2	X	X	X	4	4 1
Thiokol Tp - 95	4	4	X	X	X	X	1 1
Titanium Tetrachloride	2	2	4	4	4	4	4 1
Toluene	4	4	4	4	4	4	4 1
Toluene Diisocyanate	4	4	X	X	X	4	2 4
Transformer Oil	1	1	1	1	1	2	4 1
Transmission Fluid Type A	1	1	1	1	1	2	4 1
Triacetin	2	2	4	4	4	X	1 4
Triaryl Phosphate	4	4	4	4	4	3	1 1
Tributoxyethyl Phosphate	4	4	4	4	4	X	1 1
Tributyl Mercaptan	4	4	X	X	X	4	4 1
Tributyl Phosphate	4	4	4	4	4	4	4 4
Trichloroethane	4	4	4	4	4	4	4 1
Trichloroethylene	2	2	4	4	4	4	4 4
Tricresyl Phosphate	4	4	X	X	2	3	1 4
Triethanol Amine	4	4	4	4	4	X	2 2
Trifluoroethane	4	4	4	4	4	4	4 1
Trioctyl Phosphate	4	4	4	4	4	3	1 2
Tripoly Phosphate	4	4	4	4	4	3	1 2
Tung Oil (China Wood Oil)	1	1	T	T	T	4	4 1
Turbine Oil	1	1	1	1	1	4	4 1
Turbo Oil # 35	1	1	1	1	1	4	4 1
Turpentine	1	1	2	2	4	4	4 4
Ucon Hydrolube J - 4	1	1	4	4	4	1	1 1
Ucon Lubricant 50 - Hb - 100	1	1	X	X	X	1	1 1
Ucon Lubricant 50 - Hb - 260	1	1	X	X	X	1	1 1
Ucon Lubricant 50 - Hb - 660	1	1	X	X	X	1	1 1
Ucon Lubricant Lb - 1145	1	1	X	X	X	1	1 1
Ucon Lubricant Lb - 135	1	1	X	X	X	1	1 1
Ucon Lubricant Lb - 285	1	1	X	X	X	1	1 1
Ucon Lubricant Lb-300X	1	1	X	X	X	1	1 1
Ucon Lubricant Lb - 625	1	1	X	X	X	1	1 1
Ucon Lubricant Lb - 65	1	1	X	X	X	1	1 1

# Common Fluid Compatibility

Material \ Fluid	Material							
	Nitrile	Nitroxile	Hytre <sup>®</sup>	PolyMyte <sup>®</sup>	Polyurethane	Silicone	Ethylene Propylene Viton <sup>®</sup>	
Ucon Oil Lb - 385	1	1	X	X	X	1	1	1
Univis 40 (Hydr. Fluid )	1	1	1	1	1	4	4	1
Univolt # 35 (Mineral Oil )	1	1	1	1	1	4	4	1
Uranium Hexachloride	X	X	X	X	X	X	X	1
Varnish	2	2	T	T	T	4	4	1
Versilube F- 50	1	1	1	1	1	3	1	1
Vinegar	2	2	4	4	4	3	2	T
Vinyl Chloride	X	X	X	X	X	X	4	X
Wemco C	1	1	1	1	1	4	4	1
Whiskey And Wines	1	1	4	4	4	1	1	1
White Oil	1	1	1	1	1	4	4	1

Material \ Fluid	Material							
	Nitrile	Nitroxile	Hytre <sup>®</sup>	PolyMyte <sup>®</sup>	Polyurethane	Silicone	Ethylene Propylene Viton <sup>®</sup>	
White Pine Oil	2	2	X	X	X	4	4	1
Wolmar Salt	1	1	1	1	1	1	1	1
Wood Alcohol	1	1	4	4	4	1	1	4
Wood Oil	1	1	T	T	T	4	4	1
Xenon	1	1	1	1	1	1	1	1
Xylene	4	4	2	2	4	4	4	4
Xylol	4	4	4	4	4	4	4	1
Zeolites	1	1	X	X	X	X	1	1
Zinc Acetate	2	2	4	4	4	4	1	4
Zinc Salts	1	1	1	1	1	1	1	1
Zinc Sulfate	1	1	X	X	X	1	1	1

# Cylinder Specifications



- A** \_\_\_\_\_ Cylinder Bore
- A1** \_\_\_\_\_ Piston Diameter
- B** \_\_\_\_\_ Piston Seal Groove Diameter
- C1** \_\_\_\_\_ Wear Ring Groove Diameter
- C2** \_\_\_\_\_ Wear Ring Groove Diameter
- D** \_\_\_\_\_ O-Ring Groove Diameter
- E** \_\_\_\_\_ Buffer or Wear Ring Groove Dia.
- F** \_\_\_\_\_ Rod Seal Groove Diameter

- G** \_\_\_\_\_ Wiper Groove Diameter
- H** \_\_\_\_\_ Rod Diameter
- J** \_\_\_\_\_ Wiper Groove Width
- K** \_\_\_\_\_ Rod Seal Groove Width
- L** \_\_\_\_\_ Buffer or Wear Ring Groove Width
- M** \_\_\_\_\_ O-Ring Groove Width
- N1** \_\_\_\_\_ Wear Ring Groove Width
- N2** \_\_\_\_\_ Wear Ring Groove Width