

COMPATIBILITY RATING -

- 1. Satisfactory
- 2. Fair (Usually OK for Static Seal)
- 3. Doubtful (Sometimes OK for Static Seal)
- 4. Unsatisfactory
- X. Insufficient data

FLUID COMPATIBILITY TABLE

Fluid Name	Dynamic & Static										Static Only						
	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
A																	
Acetaldehyde	3	2	4	3	3	4	4	2	2	2	2	3	4	2	2	X	X
Acetamide	1	1	3	1	4	4	4	2	4	4	4	2	1	2	4	X	X
Acetic Acid, Glacial	2	2	4	4	2	4	4	2	2	2	2	3	4	2	2	0	X
Hot, High Press. 5%	4	3	4	4	4	4	4	4	4	4	4	3	4	3	4	X	X
Acetic Anhydride	4	2	4	2	4	4	4	2	2	2	2	2	4	2	2	4	X
Acetone	4	1	4	4	4	4	4	1	4	4	4	3	4	4	1	4	4
Acetophenone	4	1	4	4	4	4	X	2	4	4	4	4	4	4	4	4	X
Acetyl Acetone	4	1	4	4	4	4	4	1	4	4	4	4	4	4	2	X	4
Acetyl Chloride	4	4	1	4	4	4	4	4	4	4	4	4	1	3	4	X	X
Acetylene	1	1	1	2	2	X	X	1	2	2	2	2	X	2	3	X	X
Acetylene Tetraabromide	4	1	1	2	4	X	4	1	X	X	X	X	X	X	X	X	X
Acrylonitrile	4	4	3	4	3	X	X	4	X	3	3	3	4	X	4	X	X
Aero Lubriplate	1	4	1	1	2	1	1	4	4	4	4	1	1	2	1	X	X
Aerosafe 2300	4	1	4	4	4	4	4	2	4	4	4	4	3	3	4	X	X
Aerosafe 2300 W	4	1	4	4	4	4	4	2	4	4	4	4	3	3	4	X	X
Aero Shell IAC	1	4	1	2	4	1	1	4	4	4	4	1	1	2	1	X	X
Aero Shell 7A Grease	1	4	1	2	4	1	1	4	4	4	4	1	1	2	1	X	X
Aero Shell 17 Grease	1	4	1	2	4	1	1	4	4	4	4	1	1	2	1	X	X
Aero Shell 750	2	4	1	4	4	2	4	4	4	4	4	4	2	4	2	X	X
Aerozene 50(50%Hydrazine50%UDMH)	3	1	4	4	4	X	4	1	4	4	4	4	4	4	4	X	X
Air,	1	1	1	1	2	1	1	1	2	2	2	1	1	1	1	X	1
200°F	1	1	1	1	2	1	2	1	2	2	2	1	1	1	2	X	1
300°F	2	2	1	2	4	2	3	2	4	4	4	2	1	1	4	X	1
400°F	4	4	1	4	4	4	4	4	4	4	4	4	2	1	4	X	4
500°F	4	4	3	4	4	4	4	4	4	4	4	4	4	2	4	X	4
Atlantic Utro Gear-EP Lube	1	4	1	2	4	1	1	4	4	4	4	4	1	4	1	X	1
Alkali Metals*																	4
Alkazene	4	4	2	4	4	4	4	4	4	4	4	4	2	4	2	X	X
Aluminium Acetate	2	1	4	2	4	4	4	1	4	1	1	4	4	4	4	2	X
Aluminium Bromide	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	X	X
Aluminium Chloride	1	1	1	1	1	1	3	1	1	1	1	1	1	2	4	1	X
Aluminium Fluoride	1	1	1	1	1	X	3	1	1	1	2	1	X	2	4	1	X
Aluminium Nitrate	1	1	1	1	1	X	3	1	1	1	1	1	X	2	X	1	X
Aluminium Salts	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	X	X
Aluminium Sulphate	1	1	1	1	2	4	4	1	1	1	1	1	X	1	4	X	X
Alums-NH ₃ -Cr-K	1	1	1	1	1	4	X	1	1	1	1	1	X	1	4	X	X
Ambrex33(Mobil)	1	4	1	2	4	1	2	4	4	4	4	3	3	4	3	X	X
Ambrex830(Mobil)	1	3	1	2	4	1	1	3	4	4	4	2	1	2	2	X	X
Amines-Mixed	4	2	4	2	2	4	4	2	2	2	2	4	4	2	4	X	4
Ammonia, Gas, Cold	1	1	4	1	1	4	X	1	1	1	1	1	4	1	1	X	4
Ammonia, Gas, Hot	4	2	4	2	4	4	X	2	4	4	4	2	4	2	4	X	4

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	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
Liquid (Anhydrous)	2	1	4	1	4	4	4	1	4	4	4	4	2	4	X	4	
Ammonia & Lithium Metal in Solution	2	2	4	X	4	4	4	2	4	4	4	4	4	4	X	4	
Ammonium Carbonate	4	1	X	1	X	X	X	1	X	X	X	X	X	X	X	X	
Ammonium Chloride, 2N	1	1	X	1	1	X	X	1	X	X	1	1	X	X	1	X	
Ammonium Hydroxide 3 Molar Concentrated	1	1	2	1	2	4	4	1	2	2	2	1	1	1	4	X	
Ammonium Nitrate, 2N	4	1	3	1	3	4	4	1	3	3	3	1	1	1	4	X	
Ammonium Nitrate	1	1	X	1	1	4	X	1	X	X	X	1	X	X	1	X	
Ammonium Nitrate	1	1	X	1	1	X	X	1	1	1	1	1	X	2	X	X	
Ammonium Perulfate Solution	4	1	X	X	4	4	4	1	X	1	1	X	X	X	X	X	
Ammonium Perulfate 10%	4	1	X	1	4	4	4	1	X	1	1	X	X	X	X	X	
Ammonium Phosphate, Mono-Basic	1	1	X	1	1	X	X	1	X	1	1	1	X	1	1	X	
Ammonium Phosphate, Dibasic	1	1	X	1	1	X	X	1	X	1	1	1	X	1	1	X	
Ammonium Phosphate, Tribasic	1	1	X	1	1	X	X	1	X	1	1	1	X	1	1	X	
Ammonium Salts	1	1	3	1	1	3	X	1	X	1	1	1	3	1	X	X	
Ammonium Sulfate	1	1	4	1	2	4	X	1	1	1	1	1	X	X	4	X	
Ammonium Sulfide	1	1	4	1	2	4	X	1	1	1	1	1	X	X	4	X	
Amyl Acetate	4	1	4	4	4	4	4	1	4	4	4	4	4	4	4	X	
Amyl Alcohol	2	1	2	2	2	4	4	1	2	2	2	2	1	4	2	1	
Amyl Borate	1	4	X	1	4	X	X	4	4	4	4	X	X	X	1	X	
Amyl Chloride	X	4	1	4	4	4	X	4	4	4	4	4	2	4	X	X	
Amyl Chloronaphthalene	4	4	1	4	4	4	X	4	4	4	4	4	X	X	1	X	
Amyl Naphthalene	4	4	1	4	4	X	X	4	4	4	4	4	1	4	2	X	
Anderol, L-774 (di-ester)	2	4	1	4	4	2	4	4	4	4	4	4	2	4	2	X	
Anderol, L-826 (di-ester)	2	4	1	4	4	2	4	4	4	4	4	4	2	4	2	X	
L-829 (di-ester)	2	4	1	4	4	2	4	4	4	4	4	4	2	4	2	X	
Ang-25 (Glyceral Ester)	2	1	1	2	2	4	4	2	2	2	2	2	2	2	4	X	
Ang-25 (Di-ester Base) (TG 749)	2	4	1	4	4	2	4	4	4	4	4	4	2	2	2	X	
Anhydrous Ammonia	2	1	4	1	4	4	4	1	4	4	4	4	4	2	4	X	
Anhydrous Hydrazine	4	2	4	2	1	4	4	2	4	4	4	2	4	X	4	4	
Anhydrous Hydrogen Fluoride	4	1	4	X	4	4	X	1	4	4	4	X	4	X	X	4	
Aniline	4	2	3	4	4	4	4	2	4	4	4	4	3	4	4	X	
Aniline Dyes	4	2	2	2	2	4	4	2	2	2	2	2	2	3	4	X	
Aniline Hydrochloride	2	2	2	4	3	4	4	2	4	2	2	4	2	3	4	X	
Aniline Oil	4	2	3	4	4	4	4	2	4	4	4	4	3	4	2	X	
Animal Oil (Lard Oil)	1	2	1	2	4	1	2	2	4	4	4	2	1	2	4	1	
AN-O-3 Grade M	1	4	1	2	4	1	1	4	4	4	4	2	1	2	1	X	
AN-O-6	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	
AN-O-366	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	
Ansul Ether 161 or 181	3	3	4	4	4	4	2	3	4	4	4	4	3	4	1	X	
AN-VV-0366b Hydr.Fluid	1	4	1	2	4	2	2	4	4	4	4	2	1	4	1	X	
Aqua Regia	4	3	2	4	4	4	4	4	4	4	4	4	3	4	4	X	
Argon	1	1	1	1	1	1	1	1	1	1	1	1	1	1	X	X	

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Aroclor, 1248	3	2	1	4	4	4	X	2	4	4	4	4	2	2	4	X	X
Aroclor, 1254	4	2	1	4	4	4	X	4	4	4	4	4	2	3	4	X	X
, 1260	1	X	1	1	1	4	X	1	1	1	1	1	1	1	1	X	X
Aromatic Fuel-50%	2	4	1	4	4	4	4	4	4	4	4	4	2	4	2	X	4
Arsenic Acid	1	1	1	1	1	3	3	1	1	1	2	1	1	1	1	1	X
Askarel	2	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Asphalt	2	4	1	2	4	2	2	4	4	4	4	4	2	4	1	1	1
ASTM Oil, No.1	1	4	1	1	4	1	1	4	4	4	4	2	1	1	1	X	1
No.2	1	4	1	2	4	1	2	4	4	4	4	4	1	4	3	X	1
No.3	1	4	1	4	4	1	2	4	4	4	4	4	1	3	3	X	2
No.4	2	4	1	4	4	2	4	4	4	4	4	4	2	4	3	X	X
ASTM Reference Fuel A	1	4	1	2	4	2	1	4	4	4	4	2	1	4	1	X	1
B	1	4	1	4	4	4	2	4	4	4	4	4	1	4	1	X	3
C	2	4	1	4	4	4	4	4	4	4	4	4	2	4	2		4
ATL-857	2	4	1	4	4	2	4	4	4	4	4	4	2	4	2	X	X
Atlantic Dominion F	1	4	1	2	4	1	2	4	4	4	4	4	1	4	3	X	X
Aurex 903R (Mobil)	1	4	1	2	4	1	1	4	4	4	2	4	4	4	1	X	X
Automatic Transmission Fluid	1	4	1	2	4	1	2	4	4	4	4	3	X	4	X	X	1
Automotive Brake Fluid	3	1	4	2	1	X	X	2	X	X	X	2	4	3	4	X	4
B																	
Bardol B	4	4	1	4	4	4	4	4	4	4	4	4	2	4	2	X	X
Barium Chloride	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	X
Barium Hydroxide	1	1	1	1	1	4	4	1	1	1	1	1	1	1	1	1	X
Barium Salts	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	X	X
Barium Sulfide	1	1	1	1	2	4	1	1	2	1	1	1	1	1	2	1	X
Bayol D	1	4	1	2	4	1	4	4	4	4	4	4	1	4	2	X	X
Bayol 35	1	4	1	2	4	1	2	4	4	4	4	4	1	4	3	X	X
Beer	1	1	1	1	1	4	4	1	1	1	1	1	1	1	4	1	X
Beet Sugar Liquors	1	1	1	2	1	4	4	1	1	1	1	1	1	1	4	X	X
Benzaldehyde	4	1	4	4	4	4	4	1	4	4	4	4	4	4	4	X	X
Benzene	4	4	1	4	4	4	4	4	4	4	4	4	1	4	3	4	4
Benzenesulfonic Acid 10%	4	4	1	2	4	4	4	4	4	4	4	1	2	4	4	X	X
Benzine	1	4	1	2	4	1	2	4	4	4	4	3	1	4	1	X	4
Benzochloride	4	1	1	4	4	4	X	2	4	4	4	4	1	X	4	X	X
Benzoic Acid	4	4	1	4	4	4	4	4	4	4	4	4	2	4	2	X	X
Benzophenone	X	2	1	X	4	4	4	2	4	4	X	X	1	X	2	X	X
Benzyl Alcohol	4	2	1	2	4	4	4	2	4	4	4	2	2	X	4	4	X
Benzyl Benzoate	4	2	1	4	4	4	X	2	4	4	4	4	1	X	4	X	X
Benzyl Chloride	4	4	1	4	4	4	4	4	4	4	4	4	1	4	4	X	X
Black Point 77	1	1	1	3	3	3	3	1	3	3	3	3	3	3	3	X	X
Black Sulphate Liquors																	
(Ambient temperature)	2	2	1	2	2	4	4	2	2	2	2	2	2	2	4	X	X
Blast Furnace Gas	4	4	1	4	4	4	4	4	4	4	4	4	2	1	4	X	X

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Bleach Liquor	4	1	1	4	4	4	4	1	4	4	4	1	2	2	4	X	X
Borax	2	1	1	4	2	2	1	1	2	2	2	4	2	2	4	X	1
Bordeaux Mixture	2	1	1	2	2	4	4	1	2	2	2	1	2	2	4	X	X
Boric Acid	1	1	1	1	1	4	1	1	1	1	1	1	1	1	4	1	1
Boron Fluids (HEF)	2	4	1	4	4	4	4	4	4	4	4	4	2	4	2	X	X
Brake Fluid (Non-Petroleum)	3	1	4	2	1	X	X	2	X	X	X	2	4	3	4	X	4
Bray GG-130	2	4	1	4	4	2	4	4	4	4	4	4	2	4	2	X	X
Brayco 719-R (VV-H-910)	3	1	4	2	X	4	4	2	2	2	2	2	2	4	4	X	X
885 (MILL-L-6085A)	2	4	1	4	4	2	1	4	4	4	4	4	2	4	2	X	X
Brayco 910	2	1	4	2	2	3	3	1	1	1	1	1	4	4	4	X	X
Bret 710	2	1	4	2	2	3	3	1	1	1	1	1	4	4	4	X	X
Brom - 113	3	4	X	4	4	X	X	4	X	X	X	4	X	4	2	X	X
Brom - 114	2	4	2	2	4	X	X	4	4	4	4	2	X	4	1	X	X
Bromine	4	4	1	4	4	4	4	4	4	4	4	4	2	4	2	X	X
Bromine Pentafluoride	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	X	X
Bromine Trifluoride	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	X
Bromine Water	4	4	1	4	4	4	4	4	4	4	4	4	2	4	2	X	X
Bromobenzene	4	4	1	4	4	4	4	4	4	4	4	4	1	4	3	4	X
Bromochloro Trifluoroethane	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Bunker Oil	1	4	1	4	4	1	2	4	4	4	4	4	1	2	1	X	X
Butadiene (Monomer)	4	4	1	4	4	4	4	4	4	4	X	4	1	4	3	4	X
Butane	1	4	1	1	3	1	4	4	4	4	4	2	1	4	1	1	X
Butane, 2,2-Dimethyl	1	4	1	2	3	1	4	4	4	4	4	2	1	4	1	X	X
2,3-Dimethyl	1	4	1	2	3	1	4	4	4	4	4	2	1	4	1	X	X
Butanol (Butyl Alcohol)	1	2	1	1	1	4	4	2	1	1	1	1	1	2	2	X	1
1-Butene, 2-Ethyl	1	4	1	4	4	1	4	4	4	4	4	4	3	4	1	X	X
Butter-Animal Fat	1	1	1	2	4	1	1	2	4	4	4	2	1	2	4	1	1
N-Butyl Acetate	4	2	4	4	4	4	4	2	4	4	4	4	4	4	4	4	4
Butyl Acetyl Ricinoleate	2	1	1	2	4	X	4	1	4	4	4	2	2	X	X	X	X
Butyl Acrylate	4	4	4	4	4	4	X	4	4	4	4	4	4	X	2	X	X
Butyl Alcohol	1	2	1	1	1	4	4	2	1	1	1	1	1	2	2	X	1
Butyl Amine or N-Butyl Amine	3	4	4	4	4	4	4	4	4	4	4	4	4	2	4	X	4
N-Butyl Benzoate	4	1	1	4	4	4	X	1	4	4	4	4	1	X	4	X	X
N-Butyl Butyrate	4	1	1	4	4	4	X	1	4	4	4	4	1	X	4	X	X
Butyl Carbitol	4	1	3	3	4	4	X	1	4	4	4	4	4	4	4	X	X
Butyl Cellosolve	3	2	4	3	4	4	4	2	4	4	4	4	4	X	X	X	4
Butyl Cellosolve Adipate	4	2	2	4	4	4	4	2	4	4	4	4	2	2	2	X	4
Butylene	2	4	1	3	4	4	4	4	4	4	4	4	2	4	2	X	X
N-Butyl Ether	3	3	4	4	4	4	2	3	4	4	4	4	3	4	1	X	X
Butyl Oleate	4	2	1	4	4	X	X	2	4	X	X	4	2	X	X	X	4
Butyl Stearate	2	4	1	4	4	X	X	4	4	4	4	4	2	X	X	X	1
Butyraldehyde	4	2	4	4	4	4	4	2	4	4	4	4	4	4	3	X	4
Butyric Acid	4	2	2	4	4	4	X	2	4	X	X	4	X	X	X	X	X

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C																	
Calcine Liquors	1	1	1	X	X	4	4	1	X	X	X	X	1	X	X	X	X
Calcium Acetate	2	1	4	2	4	4	4	1	4	1	1	4	4	4	4	X	X
Calcium Bisulfite	1	4	1	1	4	4	1	4	4	4	4	1	1	1	4	X	X
Calcium Carbonate	1	1	1	1	1	3	3	1	1	1	1	1	1	1	4	X	1
Calcium Chloride	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calcium Cyanide	1	1	X	1	1	X	X	1	1	1	1	X	1	1	1	X	X
Calcium Hydroxide	1	1	1	1	1	4	4	1	1	1	1	1	1	X	4	1	X
Calcium Hypochloride	4	1	1	4	4	4	4	1	4	4	4	1	1	X	4	X	X
Calcium Hypochlorite	2	1	1	2	2	4	4	1	2	2	2	1	2	2	4	2	X
Calcium Nitrate	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	X
Calcium Phosphate	1	1	1	2	1	1	1	1	1	1	1	1	X	1	X	X	X
Calcium Salts	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	X	X
Calcium Silicate	1	1	1	1	1	X	X	1	1	1	1	X	X	X	X	X	X
Calcium Sulfide	1	1	1	1	2	4	1	1	2	2	2	1	1	1	4	2	X
Calcium Sulfite	1	1	1	1	2	4	1	1	2	2	2	1	1	1	2	X	X
Calcium Thiosulfate	2	1	1	1	2	4	1	1	2	2	2	1	1	1	2	X	X
Caliche Liquors	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	X	X
Cane Sugar Liquors	1	1	1	1	1	4	4	1	1	1	1	1	1	1	4	1	1
Caproic Aldehyde	X	2	4	X	X	4	4	2	2	2	2	X	4	2	2	X	X
Carbamate	X	2	1	2	4	4	4	2	4	4	4	2	1	X	2	X	X
Carbitol	2	2	2	2	2	4	4	2	2	2	2	2	2	2	2	X	X
Carbolic Acid, Phenol	4	2	1	4	4	X	X	2	4	4	4	4	1	4	4	X	X
Carbon Dioxide, Dry	1	2	2	2	2	X	1	2	2	2	2	2	2	2	2	1	1
Wet	1	2	2	2	2	X	X	2	2	2	2	2	2	2	2	1	1
Carbon Disulfide	4	4	1	4	4	3	X	4	4	4	4	4	1	X	X	X	X
Carbon Monoxide	1	1	1	2	2	X	1	1	2	2	2	2	2	1	4	1	1
Carbon Tetrachloride	2	4	1	4	4	4	4	4	4	4	4	4	2	4	3	2	4
Carbon Bisulfide	4	4	1	4	4	3	X	4	4	4	4	4	1	X	X	4	X
Carbonic Acid	2	1	1	1	2	1	1	1	2	1	1	1	1	1	1	1	X
Castor Oil	1	2	1	1	1	1	1	2	1	1	1	1	1	1	3	1	X
Cellosolve	4	2	4	4	4	4	4	2	4	4	4	4	4	4	2	X	4
Cellosolve Acetate	4	2	4	4	4	4	4	2	4	4	4	4	4	4	2	X	4
Cellosolve, Butyl	4	2	4	4	4	4	4	2	4	4	4	4	4	4	2	X	4
Cellugard	1	1	1	1	1	3	4	1	1	1	1	1	1	1	1	X	X
Cellulube A60 (Now Fyrquel)	4	2	4	4	4	4	4	2	4	4	4	4	4	X	4	X	X
90, 100, 150, 220, 300, 500	4	1	1	4	4	4	4	1	4	4	4	4	2	1	4	X	X
Cellutherm 2505A	2	4	1	4	4	2	4	4	4	4	4	4	2	4	1	X	X
Cetane (Hexadecane)	1	4	1	2	4	1	4	4	4	4	4	2	3	4	1	X	X
China Wood Oil (Tung Oil)	1	4	1	2	4	X	3	3	4	4	4	3	2	4	3	X	X
Chloroacetic Acid	4	2	4	4	4	4	4	2	4	4	4	4	4	X	4	X	X
Chlorodance	2	4	1	3	4	X	X	4	4	4	4	3	2	4	X	X	X
Chlorextol	2	4	1	2	4	2	4	4	4	4	4	4	2	4	4	X	X

FLUID COMPATIBILITY TABLE

FLUID COMPATIBILITY TABLE

Fluid Name	Dynamic & Static											Static Only					
	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
Chlorinated Salt Brine	4	4	1	4	4	4	4	4	2	2	2	2	1	4	4	X	X
Chlorinated Solvents, Dry	4	4	1	4	4	4	4	4	4	4	4	4	1	4	4	X	X
Wet	4	4	1	4	4	4	4	4	4	4	4	4	1	4	4	X	X
Chlorine, Dry	4	4	1	4	4	4	4	4	4	4	4	4	1	4	4	2	4
Chlorine Dioxide	4	3	1	4	4	4	4	3	4	4	4	3	2	X	4	X	X
Chlorine Dioxide, 8% Cl as NaClO ₂ in solution	4	4	1	4	4	4	4	4	4	4	4	4	2	X	4	X	X
Chlorine Trifluoride	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	X
Chlorine, Wet	3	2	1	4	3	4	4	2	4	4	3	4	2	X	3	2	4
Chloroacetone	4	1	4	4	4	4	4	2	4	4	4	4	4	4	4	X	4
Chlorobenzene, (Mono)	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	4
Chlorobromo Methane	4	2	1	4	4	4	4	2	4	4	4	4	2	4	4	X	X
Chlorobutadiene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Chlorododecane	4	4	1	4	4	4	4	4	4	4	4	4	1	4	4	X	X
Chloroform	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	4
O-Chloronaphthalene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
1-Chloro 1-Nitro Ethane	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	X	X
Chlorosuphonic Acid	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	X	4
Chlorotoluene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	4
Chlorox	2	2	1	2	4	4	4	2	4	4	4	2	1	X	4	X	X
O-Chlorophenol	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Chromic Acid, 50%	4	2	1	4	4	4	4	3	4	4	4	2	3	4	4	X	4
Chrome Alum	1	1	1	1	1	4	X	1	1	1	1	1	X	1	4	X	X
Chrome Plating Solutions	4	2	1	4	4	4	4	2	4	4	4	4	2	2	4	X	X
Chromic Oxide.88WT.% Aqueous Solution	4	2	1	4	4	4	4	2	4	4	4	1	2	2	4	X	X
Circo Light Process Oil	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	1
Citric Acid	1	1	1	1	1	X	X	1	1	1	1	1	1	1	4	1	1
City Service Koolmotor-Ap Gear Oil 140-E.P.lube	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	1
City Service Pacemaker#2	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X
City Service#65#120#250	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X
Cobalt Chloride 2N	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	X	X
Cocoonut Oil	1	3	1	3	4	1	3	3	4	4	4	3	1	4	X	X	1
Cod Liver Oil	1	1	1	2	4	1	1	1	4	4	4	2	1	4	X	X	X
Coffee	1	1	1	1	1	4	4	1	1	1	1	1	1	4	X	X	1
Coke Oven Gas	4	4	1	4	4	4	4	4	4	4	4	4	2	2	4	X	X
Coliche Liquors	2	2	X	1	2	X	X	2	1	1	1	X	X	X	4	X	X
Convelex 10	4	X	X	4	4	X	2	4	4	4	4	4	X	4	1	X	X
Coolanol, (Monsanto)	1	4	1	1	4	4	4	4	4	4	4	2	2	4	4	X	X
45 (Monsanto)	1	4	1	1	4	4	4	4	4	4	4	2	2	4	4	X	X

Dynamic & Static

Static Only

Fluid Name	Dynamic & Static											Static Only					
	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
Copper Acetate	2	1	4	2	4	4	4	1	4	1	1	4	4	4	4	X	X
Copper Chloride	1	1	1	2	1	1	1	1	1	1	1	2	1	1	4	X	X
Copper Cyanide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	X	X	X
Copper Salts	1	1	1	1	1	1	1	1	1	1	1	1	1	1	X	X	X
Copper Sulfate	1	1	1	1	2	4	1	2	2	2	2	1	1	1	4	X	X
Copper Sulfate 10%	1	1	1	1	2	4	2	2	2	2	2	1	1	1	4	X	X
50%	1	1	1	1	2	4	3	2	2	2	1	1	1	1	1	X	X
Corn Oil	1	3	1	3	4	1	X	3	4	4	4	X	1	1	4	1	1
Cottonseed Oil	1	3	1	3	4	1	X	3	4	4	4	X	1	1	4	1	1
Creosols	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Creosote, Coal Tar	1	4	1	2	4	1	3	4	4	4	4	4	1	4	3	4	X
Creosote, Wood	1	4	1	2	4	1	3	4	4	4	4	4	1	4	3	4	X
Creosylic Acid	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Crude Oil	2	4	1	4	4	1	X	4	4	4	4	4	2	4	X	X	1
Cumene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	2	X	X
Cutting Oil	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	X
Cyclohexane	1	4	1	3	4	2	1	4	4	4	4	4	1	4	1	X	X
Cyclohexanol	1	4	1	2	4	X	X	4	4	4	4	2	1	4	2	X	1
Cyclohexanone	4	2	4	4	4	4	4	2	4	4	4	4	4	4	2	4	X
P-Cymene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
<i>D</i>																	
Decalin	4	4	1	4	4	X	X	4	4	4	4	4	1	4	2	X	X
Decane	1	4	1	3	4	1	2	4	4	4	4	3	1	2	1	X	X
Delco Brake Fluid	3	1	4	2	1	X	X	2	X	X	X	2	4	3	4	X	4
Denatured Alcohol	1	1	1	1	1	4	4	1	1	1	1	1	1	1	1	1	1
Detergent, Water Solutuion	1	1	1	2	2	4	4	1	2	2	2	2	1	1	X	1	1
Developing Fluid (Photo)	1	2	1	1	2	X	X	2	2	1	1	1	1	X	1	X	X
Dextron	1	4	1	2	4	1	2	4	4	4	4	4	2	4	X	X	1
Diacetone	4	1	4	4	4	4	4	1	4	4	4	4	4	4	2	X	4
Diacetone Alcohol	4	1	4	4	4	4	4	1	4	4	4	4	4	4	2	4	X
Diazinon	3	4	2	3	4	X	X	4	4	4	4	3	2	4	X	X	X
Dibenzyl Ether	4	2	4	4	4	X	2	2	4	4	4	4	X	X	2	4	X
Dibenzyl Sebacate	4	2	2	4	4	4	2	2	4	4	4	4	3	3	2	X	4
Dibromoethyl Benzene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Dibutylamine	4	4	4	3	4	4	4	4	4	4	4	4	4	3	4	X	X
Dibutyl Ether	4	3	3	4	4	3	2	3	4	4	4	4	3	4	1	X	X
Dibutyl Phthalate	4	2	3	4	4	4	X	3	4	4	4	4	3	X	2	2	4
Dibutyl Sebacate	4	2	2	4	4	4	4	2	4	4	4	4	2	2	2	X	4
O-Dichlorobenzene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	1	X	X
P-Dichlorobenzene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	1	X	X
Dichloro-Butane	2	4	1	4	4	4	4	4	4	4	4	4	2	4	3	X	X
Dichloro-Isopropyl Ether	4	3	3	4	4	3	2	4	4	4	4	4	3	4	1	X	X
Dicyclohexylamine	3	4	4	4	4	4	4	4	4	4	4	4	4	X	4	X	X

FLUID COMPATIBILITY TABLE

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Fluid Name	Dynamic & Static											Static Only					
	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
Diesel Oil	1	4	1	3	4	1	3	4	4	4	4	3	1	4	1	1	1
Di-ester Lubricant MIL-L-7808	2	4	1	4	4	2	4	4	4	4	4	4	2	4	2	X	X
Di-ester Synthetic Lubricants	2	4	1	4	4	2	4	4	4	4	4	4	2	4	2	X	X
Diethylamine	2	2	4	2	2	4	3	2	2	2	2	3	4	2	2	X	X
Diethyl Ether	4	4	4	3	4	3	1	4	4	4	4	4	3	4	1	X	X
Diethyl Sebacate	4	2	2	4	4	4	4	2	4	4	4	4	2	2	2	X	4
Diethylene Glycol	1	1	1	1	1	4	4	1	1	1	1	1	1	2	1	1	1
Difluorodibromomethane	4	2	X	4	4	4	4	2	4	4	4	4	X	4	4	X	X
Diisobutylene	2	4	1	4	4	4	4	4	4	4	4	4	3	4	1	X	X
Diisooctyl Sebacate	3	3	2	4	4	4	4	4	4	4	4	4	3	3	3	X	4
Diisopropyl Ketone	4	1	4	4	4	4	4	1	4	4	4	4	4	4	2	X	4
Dimethyl Formamide	2	3	4	4	4	4	4	3	4	4	4	4	4	1	4	X	X
Dimethyl Formamide	4	2	2	4	4	4	X	2	4	4	4	4	2	X	2	X	X
Dimethyl Phthalate	4	2	2	4	4	4	X	2	4	4	4	4	2	X	2	X	4
Dinitro Toluene	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	X	X
Dioctyl Phthalate	4	2	2	4	4	4	4	2	4	4	4	4	2	3	2	2	4
Dioctyl Sebacate	4	2	2	4	4	4	2	2	4	4	4	4	3	3	3	3	4
Dioxane	4	2	4	4	4	4	4	2	4	4	4	4	4	4	4	X	X
Dioxolane	4	2	4	4	4	4	4	3	4	4	4	4	4	4	4	X	X
Dipentene	2	4	1	4	4	4	4	4	4	4	4	4	3	4	1	X	X
Diphenyl	4	4	1	4	4	4	4	4	4	4	4	4	2	4	2	X	X
Diphenyl Oxides	4	4	1	4	4	4	4	4	4	4	4	4	2	3	4	X	X
Dow Chemical 50-4	X	1	4	2	1	X	X	2	X	X	X	2	4	X	4	X	X
Dow Chemical ET 378	4	X	X	4	4	3	2	4	4	4	4	4	X	4	1	X	X
Dow Chemical ET 588	3	1	4	2	1	X	X	2	X	X	X	2	4	X	4	X	X
Dow Corning - 3	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	X	X
- 4	1	1	1	1	1	1	1	1	1	1	1	1	1	3	X	X	X
- 5, 11, 33, 44, 55, 200, 220, 510, 550	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	X	X
Dow Corning - 704	2	1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X
- 705	2	1	1	X	X	X	X	X	X	X	X	X	X	X	X		X
Dow Corning - 710, 1208, 4050, 6620	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	X	X
- F 60	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	X	X
- F 61	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	X	X
XF60	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	X	X
Dow Guard	1	1	1	1	1	3	3	1	1	1	1	1	1	1	X	X	X
Dowtherm, A	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
E	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Dowtherm, 209, 50% Solution	3	1	4	2	X	X	X	2	X	X	X	X	X	3	X	X	1
Drinking Water	1	1	1	2	1	4	4	1	1	1	1	1	1	1	4	X	1
Dry Cleaning Fluids	3	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
DTE Light Oil	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X

Fluid Name	Dynamic & Static										Static Only						
	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
<i>E</i>																	
Elco 28-EP lubricant	1	4	1	3	4	1	1	4	4	4	4	4	1	2	2	X	1
Epichlorohydrin	4	2	4	4	4	4	4	2	4	4	4	4	4	4	4	X	X
Epoxy Resins	X	1	4	1	X	X	X	1	X	X	X	X	X	X	X	X	X
Esam-6 Fluid	X	1	4	2	1	X	X	2	X	X	X	2	4	X	4	X	X
Esso Fuel 208	1	4	1	2	4	1	4	4	4	4	4	3	1	4	1	X	X
Esso Golden Gasoline	2	4	1	4	4	4	4	4	4	4	4	4	1	4	2	X	3
Esso Motor Oil	1	4	1	3	4	1	4	4	4	4	4	4	1	4	1	X	1
Esso Transmission fluid (type A)	1	4	1	2	4	1	3	4	4	4	4	4	1	4	1	X	1
Esso WS2812 (MIL-L-7808A)	1	4	1	4	4	2	4	4	4	4	4	4	1	4	2	X	X
Esso XP90-EP lubricant	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	1
Esstic 42, 43	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X
Ethane	1	4	1	2	4	1	3	4	4	4	4	2	2	4	1	X	X
Ethanol	1	1	3	1	1	4	4	1	1	1	1	1	1	1	1	X	1
Ethanol Amine	2	2	4	2	2	4	3	2	2	2	3	4	2	2	2	X	X
Ethers	4	3	3	4	4	3	2	4	4	4	4	3	4	1	X	X	X
Ethyl Acetate-Organic ester	4	2	4	4	4	4	4	2	4	4	4	4	4	2	2	4	4
Ethyl Acetoacetate	4	2	4	4	3	4	4	2	3	3	3	4	4	2	2	X	X
Ethyl Acrylate	4	2	4	4	4	4	4	2	4	4	4	4	4	2	2	X	4
Ethylacrylic Acid	4	2	X	2	4	4	4	2	4	4	4	4	4	4	X	X	X
Ethyl Alcohol	1	1	3	1	1	4	4	1	1	1	1	1	1	1	1	1	1
Ethyl Benzene	4	1	1	4	4	4	4	4	4	4	4	4	1	4	4	4	X
Ethyl Benzoate	4	4	1	4	4	4	4	4	4	4	4	4	1	4	2	X	X
Ethyl Bromide	2	4	1	4	X	X	X	4	4	4	4	1	X	X	X	X	X
Ethyl cellosolve	4	2	4	4	4	4	4	2	4	4	4	4	4	4	2	X	4
Ethyl Cellulose	2	2	4	2	2	4	2	2	2	2	2	2	4	2	4	X	X
Ethyl Chloride	1	1	1	1	2	3	2	1	2	1	1	4	1	4	4	2	X
Ethyl Chlorocarbonate	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Ethyl Chloroformate	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Ethylcyclopentane	1	4	1	3	4	2	1	4	4	4	4	4	1	4	2	X	X
Ethylene Chloride	4	4	2	4	4	4	4	4	4	4	4	4	2	4	2	X	X
Ethylene Chlorohydrin	4	2	1	2	2	4	4	2	2	2	2	2	2	3	2	X	X
Ethylene Diamine	1	1	4	1	2	4	4	1	2	1	1	2	4	1	4	1	X
Ethyl Dibromide	4	3	1	4	4	4	4	3	4	4	4	4	3	4	4	X	X
Ethylene Dichloride	4	3	1	4	4	4	4	3	4	4	4	4	3	4	4	X	X
Ethyl Ether	3	3	4	4	4	4	2	3	4	4	4	4	3	4	1	2	X
Ethyl Formate	4	2	1	2	4	X	X	2	4	4	4	2	1	X	4	4	X
Ethylene Glycol	1	1	1	1	1	4	2	1	1	1	1	1	1	1	3	1	1
Ethylene Oxide	4	3	4	4	4	4	4	3	4	4	4	4	4	4	X	X	X
Ethylene Oxide, (12% & Freon 12 (80%))	3	2	4	4	4	4	4	2	4	4	4	4	4	4	4	X	X
Ethylene Trichloride	4	3	1	4	4	4	4	3	4	4	4	4	3	4	4	X	4
Ethyl Hexanol	1	1	1	1	1	4	4	1	1	1	1	1	1	2	2	X	1

FLUID COMPATIBILITY TABLE

FLUID COMPATIBILITY TABLE

Fluid Name	Dynamic & Static										Static Only						
	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
Ethyl Mercaptan	4	3	4	2	4	X	X	4	4	4	4	2	X	3	4	4	X
Ethylmorpholene Stannous	4	2	4	X	4	X	X	2	X	X	X	X	X	X	X	X	X
Octoate (50/50 Mixture)																	
Ethyl Oxalate	4	4	1	4	4	4	X	4	4	1	4	4	2	4	1	4	X
Ethyl Pentachlorobenzene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	3	X
Ethyl Silicate	1	1	1	1	2	X	X	1	2	2	2	2	1	X	2	1	X
<i>F</i>																	
F-60 Fluid (Dow Corning)	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	X	X
F-61 Fluid (Dow Corning)	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	X	X
Fatty Acids	2	3	1	2	4	X	X	3	4	4	X	4	X	X	4	X	1
FC-43 Heptacosfluorotri-butylamine	1	1	1	1	4	X	X	1	X	X	X	1	1	1	1	X	X
FC75	1	1	2	1	4	X	X	1	X	X	X	1	2	1	1	X	X
Ferric Chloride	1	1	1	2	1	1	1	1	1	1	1	2	1	2	1	1	X
Ferric Nitrate	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	X
Fluorolube	1	1	2	1	4	X	X	1	X	X	X	1	2	1	1	X	X
Formaldehyde	3	2	4	3	3	4	4	2	2	2	2	3	4	2	2	2	X
Freon, 11	2	4	2	4	4	X	X	4	X	X	4	1	X	4	1	X	X
Freon, 12	1	2	1	1	1	X	1	2	4	4	2	1	4	4	1	1	1
12 & ASTM Oil # 2 (50/50 Mixture)	1	4	1	2	4	X	X	4	4	4	4	2	2	4	X	X	X
12 & Suniso 4 G (50/50 Mixture)	1	4	1	2	4	X	X	4	4	4	4	2	2	4	X	X	X
Freon, 13	1	1	1	1	1	X	X	1	X	1	1	1	4	4	1	1	X
13B1	1	1	1	1	1	X	X	1	X	X	1	1	2	4	1	X	X
,14	1	1	1	1	1	X	1	1	X	X	1	1	X	4	1	X	X
,21	4	4	4	2	4	X	X	4	4	4	4	4	X	4	4	2	X
,22	4	1	4	1	1	2	4	1	X	X	1	1	2	4	4	1	4
Freon, 22 & ASTM Oil#2 (50/50 Mixture)	4	4	2	2	4	2	X	4	X	X	4	X	2	4	2	X	4
,31	4	1	4	1	2	X	X	1	X	X	2	2	X	X	3	X	X
,32	1	1	4	1	1	X	X	1	X	X	1	1	X	X	1	X	X
,112	2	4	1	2	4	X	X	4	X	X	4	2	X	4	1	X	X
Freon, 113	1	4	2	1	2	X	1	4	X	X	4	1	X	4	1	1	3
,114	1	1	1	1	1	X	X	1	X	X	1	X	X	4	1	1	X
114B2	2	4	2	1	4	X	X	4	X	X	4	1	X	4	2	X	X
,115	1	1	1	1	1	X	X	1	X	X	1	X	X	X	1	X	X
,502	2	1	2	1	1	X	X	1	X	X	1	X	X	X	X	X	X
Freon, BF	2	4	1	2	4	X	X	4	X	X	4	2	X	4	1	X	X
C318	1	1	2	1	1	X	X	1	X	X	1	1	X	X	1	X	X
K-152a	1	1	4	1	1	X	X	1	X	X	1	4	X	X	1	X	X
K-142b	1	1	4	1	1	X	X	1	X	X	2	1	X	X	1	X	X
MF	2	4	2	4	4	X	X	4	X	X	4	1	X	4	1	X	X
Freon, PCA	1	4	2	1	2	X	1	4	X	X	4	1	X	4	1	X	X

Dynamic & Static

Static Only

Fluid Name	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
TF	1	4	2	1	2	X	1	4	X	X	4	1	X	4	1	1	X
Fuel Oil,	1	4	1	2	4	1	4	4	4	4	4	3	1	4	1	1	1
Acidic	1	4	1	2	4	1	2	4	4	4	4	4	1	1	1	X	1
#6	2	4	1	4	4	1	2	4	4	4	4	4	1	1	1	X	1
Fumaric Acid	1	X	1	2	2	4	X	4	2	1	1	2	1	2	X	X	X
Fuming Sulphuric Acid (20/25% Oleum)	4	4	1	4	4	4	4	4	4	4	4	4	X	4	4	X	4
Furan (Furfuran)	4	X	X	4	4	4	X	4	4	4	4	4	X	X	2	X	X
Furfural	4	2	4	4	4	4	X	2	4	4	4	4	X	4	4	4	X
Furfuraldehyde	4	2	4	4	4	4	X	2	4	4	4	4	X	4	4	X	X
Furfuryl Alcohol	4	2	X	4	4	4	4	2	4	4	4	4	4	4	4	X	X
Furyl Carbinol	4	2	X	4	4	4	4	2	4	4	4	4	4	4	4	X	X
Fyrquel A60	4	2	4	4	4	4	4	2	4	4	4	4	4	3	4	X	X
90, 100, 150, 220, 300, 500	4	1	1	4	4	4	4	1	4	4	4	4	2	1	4	X	X
G																	
Gallic Acid	2	2	1	2	2	4	4	2	X	1	1	2	1	X	X	X	X
Gasoline	1	4	1	4	4	4	2	4	4	4	4	4	1	4	4	1	3
Gelatin	1	1	1	1	1	4	4	1	1	1	1	1	1	1	4	1	1
Girling Brake Fluid	3	1	4	2	1	X	X	2	X	X	X	2	4	X	4	X	4
Glacial Acetic Acid	2	2	4	4	2	4	4	2	2	2	2	4	4	2	2	4	X
Glauber's Salt	4	2	1	2	4	4	X	2	4	2	2	2	1	X	4	X	X
Glucose	1	1	1	1	1	X	4	1	1	1	1	1	1	1	X	1	1
Glycerine-Glycerol	1	1	1	1	1	4	4	1	1	1	1	1	1	1	2	1	1
Glycols	1	1	1	1	1	4	4	1	1	1	1	1	1	1	1	1	1
Green Sulphate Liquor	2	1	1	2	2	4	X	1	2	2	2	2	2	X	4	1	X
Gulfcrown Grease	1	4	1	2	4	1	1	4	4	4	4	4	1	4	3	X	1
Gulf Endurance Oil	1	4	1	2	4	1	1	4	4	4	4	4	1	4	3	X	X
Gulf FR Fluids (Emulsion)	1	4	1	2	4	1	1	4	4	4	4	4	1	4	1	X	X
Gulf FR G-Fluids	1	1	1	1	1	4	2	1	1	1	1	1	1	1	3	X	X
Gulf FR P-Fluids	4	2	2	4	4	4	4	2	4	4	4	4	2	1	3	X	X
Gulf Harmony Oils	1	4	1	2	4	1	1	4	4	4	4	4	1	4	3	X	X
Gulf High Temperature Grese	1	4	1	2	4	1	1	4	4	4	4	4	1	4	3	X	1
Gulf Legion Oils	1	4	1	2	4	1	1	4	4	4	4	4	1	4	3	X	X
Gulf Paramount Oils	1	4	1	2	4	1	2	4	4	4	4	4	1	4	3	X	X
Gulf Security Oils	1	4	1	2	4	1	2	4	4	4	4	4	1	4	3	X	X
H																	
Halothane	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Halowax Oil	4	4	1	4	4	X	X	4	4	4	4	4	1	4	1	X	X
Hannifin Lube A	1	4	1	1	2	1	1	4	4	4	4	1	1	2	1	X	1
Heavy Water	1	1	X	2	1	4	4	1	1	1	1	1	1	1	4	X	1
HEF-2 (High Energy Fuel)	2	4	1	4	4	4	4	4	4	4	4	4	2	4	2	X	X
Helium	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	X	1
N-Heptane	1	4	1	2	4	1	2	4	4	4	4	2	1	4	1	X	1
N-Hexaldehyde	4	1	4	1	4	X	X	2	4	4	4	3	4	2	2	X	X

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Fluid Name	Dynamic & Static											Static Only					
	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
N-Hexane	1	4	1	2	4	1	2	4	4	4	4	2	1	4	1	1	1
N-Hexene-1	2	4	1	2	4	1	2	4	4	4	4	2	1	4	1	X	X
Hexyl Alcohol	1	3	1	2	1	4	4	3	1	1	1	2	2	2	1	X	1
High Viscosity Lubricant, U4	1	1	1	2	1	4	4	1	2	X	X	X	2	1	X	X	1
H2	1	1	1	2	1	4	4	1	2	X	X	X	2	1	X	X	1
Hilo MS #1	4	1	4	4	4	4	4	2	4	4	4	4	3	3	4	X	X
Houghto-Safe 271(Water & Glycol base)	1	1	2	2	1	4	4	2	X	X	X	X	2	2	X	X	1
Houghto-Safe 620 Water/Glycol	1	1	2	2	1	4	4	2	X	X	X	X	2	2	X	X	1
1010, phosphate ester	4	1	1	4	4	4	X	1	4	4	4	4	2	3	3	X	X
1055, phosphate ester	4	1	1	4	4	4	X	1	4	4	4	4	2	3	3	X	X
1120, phosphate ester	4	1	1	4	4	4	4	1	4	4	4	4	2	3	3	X	X
5040 (Water/Oil emulsion)	1	4	1	2	4	4	4	4	4	4	4	4	2	3	X	X	X
Hydraulic Oil (Petroleum Base)	1	4	1	2	4	1	1	4	4	4	4	2	1	2	1	1	1
Hydrazine	2	1	X	2	2	X	X	1	X	X	X	2	X	2	4	X	X
Hydrobromic Acid	4	1	1	4	4	4	4	1	4	1	1	1	3	4	X	X	X
Hydrobromic Acid 40%	4	1	1	2	4	4	4	1	4	1	1	1	3	4	X	X	X
Hydrocarbons (saturdated)	1	4	1	2	4	1	2	4	4	4	4	3	1	4	1	X	1
Hydrochloric Acid, 3 Molar	3	1	1	3	3	2	X	1	3	3	3	2	2	4	4	4	X
Concentrated	4	3	1	4	4	4	X	1	4	4	4	4	3	4	4	4	4
Hydrocyanic Acid	2	1	1	2	2	4	X	1	2	1	1	1	2	3	4	X	X
Hydro-Drive, MIH 50 (Petroleum Base)	1	4	1	2	4	1	2	4	4	4	4	4	1	2	1	X	X
MIH 10 (Petroleum Base)	1	4	1	2	4	1	2	4	4	4	4	4	1	2	1	X	X
Hydrofluoric Acid, 65% or Less, Cold	3	1	1	1	2	4	X	1	4	2	2	1	X	4	4	X	X
65% or More, Cold	4	3	1	4	4	4	X	3	4	4	4	1	4	4	4	X	X
65 or Less, Hot	4	4	3	3	4	4	4	4	4	4	4	3	4	4	4	X	X
65 or More, Hot	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	X	X
Anhydrous	4	2	4	4	4	4	X	2	4	4	4	1	4	4	4	X	X
Hydrofluosilicic Acid	2	1	1	2	2	X	X	1	X	1	1	1	4	4	4	X	X
Hydrogen Gas, Cold	1	1	1	1	2	2	1	1	1	1	2	1	3	3	3	X	X
Hot	1	1	1	1	2	2	1	1	1	1	2	1	3	3	4	X	X
Hydrogen Peroxide (1)	2	1	1	1	2	4	X	1	2	2	2	2	1	1	3	X	X
90% (1)	4	3	1	4	4	4	X	3	4	4	4	3	2	2	4	X	X
Hydrogen Sulfide Dry, Cold	1	1	4	1	1	4	X	1	1	1	1	1	3	3	2	X	X
Dry, Hot	4	1	4	2	4	4	X	1	4	4	4	3	3	3	1	X	X
Wet, Cold	4	1	4	1	4	4	X	1	4	4	4	2	3	3	1	2	X
Wet, Hot	4	1	4	2	4	4	X	1	4	4	4	3	3	3	1	2	X
Hydrolube-Water/Ethylene Glycol	1	1	1	2	1	4	4	2	X	X	X	2	2	2	X	X	X
Hydroquinone	3	4	2	4	4	4	X	4	4	2	2	4	2	X	3	X	X
Hydne	2	1	4	2	2	4	X	2	2	2	2	X	4	4	4	X	X
Hyjet	4	1	4	4	4	4	4	2	4	4	4	4	X	X	4	X	X
Hyjet III	4	1	4	4	4	4	4	2	4	4	4	4	X	X	4	X	X
Hyjet S	4	1	4	4	4	4	4	2	4	4	4	4	X	X	4	X	X
Hyjet W	4	1	4	4	4	4	4	2	4	4	4	4	X	X	4	2	X

Fluid Name	Dynamic & Static										Static Only						
	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
Hypochlorous Acid	4	2	1	4	4	4	X	2	4	2	2	4	X	X	4	X	X
H ₂ S See Hydrogen Sulfide																	
<i>I</i>																	
Industron FF44	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X
Industron FF48	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X
Industron FF53	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X
Industron FF80	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X
Iodine	2	2	1	4	2	X	X	2	X	4	X	2	1	X	X	X	1
Iodine Pentafluoride	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	X
Isobutyl Alcohol	2	1	1	1	2	4	4	1	2	1	1	1	2	1	2	X	1
Iso-Butyl N-Butyrate	4	1	1	4	4	4	X	1	4	4	4	4	1	X	4	X	X
Isododecane	1	4	1	2	4	4	X	4	4	4	4	2	1	4	1	X	1
Iso Octane	1	4	1	2	4	1	2	4	4	4	4	1	1	4	1	X	1
Isophorone (Ketone)	4	1	4	4	4	4	4	1	4	4	4	4	4	4	2	X	X
Isopropanol	2	1	1	2	2	4	4	1	2	1	1	1	2	1	1	X	1
Isopropyl Acetate	4	2	4	4	4	4	4	2	4	4	4	4	4	4	2	X	4
Isopropyl Alcohol	2	1	1	2	2	4	4	1	2	1	1	1	2	1	1	1	1
Isopropyl Chloride	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Isopropyl Ether	2	4	4	3	4	3	2	4	4	4	4	3	3	4	1	X	X
<i>J</i>																	
JP 3 (MIL-J5642)	1	4	1	4	4	2	2	4	4	4	4	4	1	4	2	X	X
4 (MIL-J-5624)	1	4	1	4	4	2	2	4	4	4	4	4	2	4	2	X	X
5 (MIL-J-5624)	1	4	1	4	4	2	2	4	4	4	4	4	2	4	2	X	X
6 (MIL-J-25656)	1	4	1	4	4	2	2	4	4	4	4	4	2	4	2	X	X
X (MIL-F-25604)	1	4	4	2	4	X	X	4	4	4	4	4	4	4	1	X	X
<i>K</i>																	
Kel F Liquids	1	1	2	X	1	X	X	1	X	X	X	1	2	1	1	X	X
Kerosene (Similar to RP-1 & JP-1)	1	4	1	2	4	1	1	4	4	4	4	4	1	4	2	1	X
Keystone # 87HX-Grease	1	4	1	4	4	1	1	4	4	4	4	4	1	4	1	X	X
<i>L</i>																	
Lactams-Amnio Acids	4	2	4	2	4	X	X	2	4	4	4	2	4	X	4	X	X
Lactic Acid, Cold	1	1	1	1	1	4	X	1	1	1	1	1	1	X	4	X	X
Hot	4	4	1	4	4	4	X	4	4	4	4	3	2	X	4	X	X
Lacquers	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1	4	X
Lacquers Solvents	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1	4	X
Lard, Animal Fat	1	2	1	2	4	1	1	2	4	4	4	4	1	2	4	1	1
Lavendar Oil	2	4	1	4	4	2	4	4	4	4	4	4	2	4	2	X	X
Lead Acetate	2	1	4	2	4	4	4	1	4	1	1	4	4	4	4	2	X
Lead Nitrate	1	1	X	1	1	X	X	1	1	1	1	4	1	2	4	X	X
Lead Sulphamate	2	1	1	1	2	4	X	1	2	2	2	1	1	2	4	X	X
Lehigh X1169	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	X
Lehigh X1170	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	X
Light Grease	1	4	1	4	4	1	1	4	4	4	4	4	1	4	1	X	1

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	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
Ligroin (Petroleum Ehter or Benzene)	1	4	1	2	4	1	2	4	4	4	4	3	1	4	1	X	X
Lime Bleach	1	1	1	2	1	4	X	1	2	1	1	2	1	2	4	X	X
Lime Sulphur	4	1	1	1	4	4	X	1	4	4	4	1	1	1	4	X	X
Lindol, Hydraulic Fluid (Phosphate ester type)	4	1	2	4	4	4	4	1	4	4	4	4	3	3	4	X	4
Linoleic Acid	2	4	2	2	4	X	X	4	4	4	4	4	X	2	4	X	X
Linseed Oil	1	3	1	3	4	1	X	3	4	4	4	3	1	1	2	X	X
Liquid Oxygen	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	X	X
Liquide Petroleum Gas (LPG)	1	4	1	2	4	3	1	4	4	4	4	4	3	3	1	1	X
Liquimoly	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X
Lubricating Oils, Di-ester	2	4	1	3	4	2	X	4	4	4	4	X	2	4	3	X	X
Petroleum base	1	4	1	2	4	1	2	4	4	4	4	4	1	4	3	1	1
Lubricating Oils, SAE 10, 20, 30, 40, 50	1	4	1	2	4	1	2	4	4	4	4	4	1	4	3	1	1
Lye Solutions	2	1	2	2	2	4	4	1	2	2	1	1	2	2	2	X	X
M																	
Magnesium Chloride	1	1	1	1	1	X	1	1	1	1	1	1	1	1	3	1	1
Magnesium Hydroxide	2	1	1	2	2	4	4	1	2	2	2	1	X	X	3	1	1
Magnesium Sulphite & Sulphate	1	1	1	1	2	4	X	1	2	2	2	1	1	1	2	1	X
Magnesium Salts	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	X	1
Malathion	2	4	1	X	4	X	X	4	4	4	4	X	2	4	X	X	X
Maleic Acid	4	4	1	4	4	4	X	4	4	4	4	4	X	X	2	X	1
Maleic Anhydride	4	2	4	4	4	4	X	2	4	4	4	4	X	X	X	X	X
Malic Acid	1	X	1	2	2	4	X	4	2	1	1	2	1	2	X	X	X
MCS 312	4	4	1	4	4	4	X	4	4	4	4	X	1	1	X	X	X
MCS 352	4	1	4	4	4	4	4	2	4	4	4	4	3	3	4	X	X
MCS 463	4	1	4	4	4	4	4	2	4	4	4	4	3	3	4	X	X
Mercuric Chloride	1	1	1	1	1	X	X	1	1	1	1	1	X	X	X	1	X
Mercury	1	1	1	1	1	X	X	1	1	1	1	1	X	X	1	1	1
Mercury Vapors	1	1	1	1	1	X	X	1	1	1	1	1	X	X	X	X	X
Mesityl Oxide (Ketone)	4	2	4	4	4	4	4	2	4	4	4	4	4	4	2	X	X
Methane	1	4	1	2	4	1	3	4	4	4	4	2	2	4	1	1	X
Methanol	1	1	4	1	1	4	4	1	1	1	1	1	1	1	2	X	1
Methyl Acetate	4	2	4	2	4	4	4	2	4	4	4	4	4	4	2	4	4
Methyl Acetoacetate	4	2	4	4	X	4	4	2	X	X	X	4	4	2	2	X	4
Methyl Acrylate	4	2	4	2	4	4	4	2	4	4	4	4	4	4	2	X	4
Methylacrylic Acid	4	2	3	2	4	4	4	2	4	4	4	4	4	4	X	X	4
Methyl Alcohol	1	1	4	1	1	4	4	1	1	1	1	1	1	1	2	2	1
Methyl Benzoate	4	4	1	4	4	4	4	4	4	4	4	4	1	4	2	X	X
Methyl Bromide	2	4	1	4	X	3	X	4	4	4	4	4	1	X	X	X	X
Methyl Butyl Ketone	4	1	4	4	4	4	4	1	4	4	4	4	4	4	1	X	4
Methyl Carbonate	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Methyl Cellosolve	3	2	4	3	4	4	4	2	4	4	4	4	4	4	X	X	4
Methyl Cellulose	2	2	4	2	2	4	2	2	2	2	2	2	4	2	4	X	1

Fluid Name	Dynamic & Static										Static Only						
	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
Methyl Chloride	4	3	1	4	4	4	4	3	4	4	4	4	2	4	3	X	X
Methyl Chlorofomate	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Methyl D-Bromide	4	X	1	4	4	4	4	X	4	4	4	4	2	4	4	X	X
Methylcyclopentane	4	4	1	4	4	4	4	4	4	4	4	4	2	4	2	X	X
Methylene Chloride	4	4	2	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Methylene Dichloride	4	4	2	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Methyl Ether	1	1	1	3	1	4	X	1	1	1	1	4	1	1	1	X	X
Methyl Ethyl Ketone (MEK)	4	1	4	4	4	4	4	1	4	4	4	4	4	4	2	4	4
Methyl Ethyl Ketone Peroxide	4	4	4	4	4	4	4	4	4	4	4	4	4	2	4	X	4
Methyl Formate	4	2	X	2	4	X	X	2	4	4	4	2	X	X	4	4	X
Methyl Isobutyl Ketone (MIBK)	4	3	4	4	4	4	4	3	4	4	4	4	4	4	2	4	4
Methyl Isopropyl Ketone	4	2	4	4	4	4	4	2	4	4	4	4	4	4	2	X	4
Methyl Methacrylate	4	4	4	4	4	4	X	4	4	4	4	4	X	X	2	X	4
Methyl Oleate	4	2	1	4	4	X	X	2	4	X	X	4	2	X	X	X	X
Methyl Salicylate	4	2	X	4	X	X	X	2	X	X	X	4	X	X	X	X	X
MIL-L-2104	1	4	1	2	4	1	1	4	4	4	4	3	1	4	1	1	X
MIL-S-3136, Type I Fuel	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	1	X
MIL-S-3136, Type II Fuel	2	4	1	4	4	2	2	4	4	4	4	4	2	4	1	1	X
Type III Fuel	2	4	1	4	4	2	1	4	4	4	4	4	2	4	1	1	X
Type IV Oil, Low Swell	1	4	1	1	4	1	1	4	4	4	4	1	1	1	1	1	X
Type V Oil, Med. Swell	1	4	1	2	4	1	1	4	4	4	4	2	1	2	1	1	X
Type VI Oil, High Swell	1	4	1	4	4	1	1	4	4	4	4	4	1	2	1	1	X
MIL-L-3150	1	4	1	2	4	2	2	4	4	4	4	2	1	4	1	1	X
MIL-G-3278	2	4	1	4	4	1	2	4	4	4	4	4	2	4	2	X	X
MIL-O-3503	1	4	1	2	4	2	1	4	4	4	4	2	1	4	1	1	X
MIL-G-3545	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	2	X
MIL-C-4339	1	4	1	4	4	4	4	4	4	4	4	4	1	X	1	1	X
MIL-L-4343	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	X	X
MIL-J-5161	2	4	1	4	4	1	2	4	4	4	4	4	1	4	1	1	X
MIL-F-5566	2	1	1	2	2	4	4	1	2	1	1	1	1	1	1	2	X
MIL-G-5572	1	4	1	4	4	2	2	4	4	4	4	4	1	4	1	X	X
MIL-H-5606	1	4	1	2	4	2	2	4	4	4	4	2	1	4	1	1	X
MIL-J-5624 JP-3, JP-4, JP-5	1	4	1	4	4	2	2	4	4	4	4	4	2	4	2	1	X
MIL-L-6081	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	1	X
MIL-L-6082	1	4	1	2	4	1	1	4	4	4	4	2	1	1	1	1	X
MIL-H-6083	1	4	1	1	4	1	1	4	4	4	2	2	1	4	1	1	X
MIL-L-6085	2	4	1	4	4	2	1	4	4	4	4	4	2	4	2	2	X
MIL-A-6091	2	1	1	1	1	4	4	1	1	1	1	1	1	1	1	X	X
MIL-L-6387	2	4	1	4	4	2	1	4	4	4	4	4	2	4	2	2	X
MIL-C-7024	1	4	1	4	4	2	1	4	4	4	4	4	1	4	1	1	X
MIL-H-7083	1	1	2	2	2	4	4	1	3	3	2	2	1	1	1	2	X
MIL-G-7118	2	4	1	2	4	1	1	4	4	4	4	2	1	4	1	2	X
MIL-G-7187	1	4	1	4	4	1	1	4	4	4	4	4	1	4	1	1	X

FLUID COMPATIBILITY TABLE

FLUID COMPATIBILITY TABLE

Fluid Name	Dynamic & Static											Static Only					
	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
MIL-G-7421	2	4	1	2	4	4	2	4	4	4	4	2	2	4	1	2	X
MIL-G-7711	1	4	1	4	4	2	1	4	4	4	4	4	1	2	1	1	X
MIL-L-7808	2	4	1	4	4	2	4	4	4	4	4	4	2	4	1	2	X
MIL-L-7870	1	4	1	2	4	1	4	4	4	4	4	4	1	4	1	1	X
MIL-C-8188	2	4	2	4	4	3	4	4	4	4	4	4	2	4	2	2	X
MIL-H-8446 (ML-O-8515)	2	4	1	1	4	X	1	4	4	4	4	X	1	4	X	3	X
MIL-L-9000	1	4	1	2	4	1	1	4	4	4	4	2	2	4	1	1	X
MIL-L-9236	2	4	1	4	4	2	4	4	4	4	4	4	2	4	1	2	X
MIL-E-9500	1	1	1	1	1	4	4	1	1	1	1	1	1	1	1	X	X
MIL-G-10924	1	4	1	4	4	2	1	4	4	4	4	2	1	4	1	1	X
MIL-H-13910	1	1	1	1	1	4	4	1	1	1	1	1	1	1	1	2	X
MIL-L-15016	1	4	1	2	4	1	1	4	4	4	4	2	2	4	1	X	X
MIL-L-15017	1	4	1	2	4	1	1	4	4	4	4	2	2	4	1	1	X
MIL-G-15793	1	4	1	2	4	1	1	4	4	4	4	2	2	4	1	2	X
MIL-F-16884	1	4	1	3	4	1	3	4	4	4	4	3	1	4	1	X	X
MIL-F-17111	1	4	1	2	4	1	3	4	4	4	4	4	2	4	1	1	X
MIL-L-17331	4	4	1	X	4	X	X	4	4	4	4	X	X	4	X	1	X
MIL-H-19457	4	1	2	4	4	4	4	1	4	4	4	4	4	3	4	4	X
MIL-L-21260	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	1	X
MIL-G-21568	1	1	1	1	1	1	1	1	1	1	1	1	1	X	1	1	X
MIL-H-22251	2	1	X	2	2	X	X	1	X	X	X	2	X	4	4	X	X
MIL-L-23699	2	4	1	3	4	3	X	4	4	4	4	X	2	4	X	2	X
MIL-G-25013	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	1	X
MIL-G-25537	1	4	1	2	4	2	1	4	4	4	4	2	1	4	1	1	X
MIL-F-25558 (RJ-1)	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	1	X
MIL-R-25576 (RP-1)	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	1	X
MIL-F-25656	1	4	1	4	4	2	2	4	4	4	4	4	2	4	2	1	X
MIL-L-25681	2	1	1	2	2	X	X	1	2	2	2	2	2	4	X	1	X
MIL-G-25760	2	4	1	2	4	2	2	4	4	4	4	2	2	4	2	2	X
MIL-P-27402	2	1	X	2	2	X	X	1	X	X	X	2	X	4	4	X	X
MIL-H-27601	1	4	1	2	4	1	X	4	4	4	4	X	2	3	X	2	X
MIL-S-81087	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	X
MIL-H-83282	1	4	1	2	4	2	2	4	4	4	4	2	1	4	1	X	X
Milk	1	1	1	1	1	4	4	1	1	1	1	1	1	1	2	X	1
Mineral Oils	1	3	1	2	4	1	1	3	4	4	4	2	1	2	2	1	1
MLO-7277 Hydr.	3	4	1	4	4	3	3	4	4	4	4	4	3	4	3	X	X
MLO-7557	3	4	1	4	4	3	3	4	4	4	4	4	3	4	3	X	X
MLO-8200 Hydr.	2	4	1	1	4	X	1	4	4	4	4	4	1	4	X	X	X
MLO-8515	2	4	1	1	4	3	1	4	4	4	4	3	1	4	3	X	X
Mobil 24 DTE	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X
Mobil Delvac 1100, 1110, 1120, 1130	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X
Mobil Nycac 20 & 30	1	1	1	1	1	X	X	1	1	1	1	1	1	1	X	X	X
Mobil Velocite C	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X

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Fluid Name	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
Mobil HF	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X
Mobilgas WA 200, Type A, Automatic transmission fluid	1	4	1	2	4	1	X	4	4	4	4	4	1	4	1	X	1
Mobiloil SAE 20	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	1
Mobiltherm 600	1	4	1	2	4	1	2	4	4	4	4	4	1	4	3	X	X
Mobilux	1	4	1	2	4	1	2	4	4	4	4	4	1	4	3	X	X
Mono Bromobenzene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	1	X	X
Monochlorobenzene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	4	X
Mono Ethanolamine	4	2	4	4	2	4	4	2	2	2	2	4	4	2	4	X	X
Monomethylaniline	4	X	2	4	4	4	4	X	4	4	4	4	X	X	4	X	X
Monomethyl Hydrazine	2	1	X	2	2	X	X	1	X	X	X	2	X	4	4	X	X
Mononitrotoluene & Dinitrotoluene (40/60 Mixture)	4	4	3	4	4	4	4	4	4	4	4	4	3	4	4	X	X
Monovinyl Acetylene	1	1	1	2	2	X	X	1	2	2	2	2	X	2	3	X	X
Mopar Brake Fluid	3	1	4	2	1	X	X	2	X	X	X	2	4	3	4	X	4
<i>N</i>																	
Naphtha	2	4	1	4	4	2	2	4	4	4	4	4	2	4	2	1	X
Naphthalene	4	4	1	4	4	X	X	4	4	4	4	4	1	4	2	X	X
Naphthenic Acid	2	4	1	4	4	X	X	4	4	4	4	4	1	4	2	X	X
Natural Gas	1	4	1	1	2	2	2	4	2	2	2	1	3	1	2	1	1
Neatsfoot Oil	1	2	1	4	4	1	1	2	4	4	4	4	1	2	4	X	X
Neon	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	X	1
Nevile Acid	4	2	1	4	4	4	X	2	4	4	4	4	2	4	1	X	X
Nickel Acetate	2	1	4	2	4	4	4	1	4	1	1	4	4	4	4	X	X
Nickel Chloride	1	1	1	2	1	3	3	1	1	1	1	1	1	1	X	X	X
Nickel Salts	1	1	1	2	1	3	3	1	1	1	1	1	1	1	X	X	X
Nickel Sulfate	1	1	1	1	2	4	3	1	2	2	2	1	1	1	3	X	X
Niter Cake	1	1	1	1	1	4	1	1	1	1	1	1	1	1	3	X	X
Nitric Acid (1) 3 Molar Concentrated	4	2	1	4	4	4	4	1	4	4	4	4	3	4	4	4	X
Nitric Acid (1) Red Fuming (RFNA) Inhibited Red Fuming (IRFNA)	4	4	2	4	4	4	4	2	4	4	4	4	4	4	4	4	4
Nitrobenzene Nitrobenzine See Ligroin	4	4	2	4	4	4	4	4	4	4	4	4	4	4	4	4	X
Nitroethane	4	2	4	2	2	4	4	2	2	2	2	2	X	4	X	X	X
Nitrogen	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	X	1
Nitrogen Tetroxide (N ₂ O ₄) (1)	4	4	4	4	4	4	4	2	4	4	4	4	4	4	4	X	X
Nitromethane	4	2	4	3	3	4	4	2	2	2	2	2	4	4	X	X	X
Nitropropane	4	2	4	4	4	4	4	2	4	4	4	4	4	4	X	X	X
<i>O</i>																	
Octachloro Toluene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Octadecane	1	4	1	2	4	2	1	4	4	4	4	2	1	4	1	X	X

FLUID COMPATIBILITY TABLE

Fluid Name	Dynamic & Static											Static Only					
	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
N-Octane	2	4	1	4	4	4	4	4	4	4	4	4	2	4	2	X	1
Octyl Alcohol	2	1	1	2	2	4	4	2	2	2	2	2	2	2	2	X	1
Oleic Acid	3	4	2	4	4	4	X	4	4	4	4	4	X	4	4	X	X
Oleum (Fuming Sulfuric Acid)	4	4	1	4	4	4	4	4	4	4	4	4	X	4	4	X	4
Oleum Spirits	2	4	1	3	4	X	X	4	4	4	4	4	2	4	X	X	4
Olive Oil	1	2	1	2	4	X	1	2	4	4	4	2	1	1	4	2	X
Oronite 8200	2	4	1	1	4	X	1	4	4	4	4	4	1	4	X	X	X
Oronite 8515	2	4	1	1	4	X	1	4	4	4	4	4	1	4	X	X	X
Orthochloro Ethyl Benzene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	2	X	X
Ortho-Dichlorobenzene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	2	X	X
OS 45 Type III (OS45)	2	4	1	1	4	X	4	4	4	4	4	2	2	4	X	X	X
OS 45 Type IV (OS45-1)	2	4	1	1	4	X	4	4	4	4	4	2	2	4	X	X	X
OS 70	2	4	1	1	4	X	4	4	4	4	4	2	2	4	X	X	X
Oxalic Acid	2	1	1	2	2	X	X	1	2	2	2	2	1	2	4	3	X
Oxygen, Cold (1)	2	1	1	1	4	2	1	1	2	2	2	1	1	1	4	2	X
200-400°F(1)	4	4	2	4	4	4	4	4	4	4	4	4	4	1	4	4	X
Ozone	4	1	1	3	4	2	1	2	4	4	4	1	1	1	1	1	1
<i>P</i>																	
Paint Thinner, Duco	4	4	2	4	4	4	4	4	4	4	4	4	2	4	2	X	X
Palmitic Acid	1	2	1	2	2	X	X	2	2	2	2	3	1	4	4	2	X
Para-dichlorobenzene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Par al Ketone	4	4	4	4	4	4	4	4	4	4	4	4	4	2	2	X	X
Parker O Lube	1	4	1	1	2	1	1	4	4	4	4	1	1	2	1	X	X
Peanut Oil	1	3	1	3	4	1	X	3	4	4	4	X	1	1	4	1	X
Pentane, 2 Methyl	1	4	1	2	4	1	4	4	4	4	4	2	3	4	1	X	X
2-4, dimethyl	1	4	1	2	4	1	4	4	4	4	4	2	3	4	1	X	X
3 Methyl	1	4	1	2	4	1	4	4	4	4	4	2	3	4	1	X	X
N-Pentane	1	4	1	1	3	1	4	4	4	4	4	2	3	4	1	X	X
Perchloric Acid - 2N	4	2	1	2	4	4	4	2	4	4	4	2	1	4	4	X	X
Perchloroethylene	2	4	1	4	4	4	4	4	4	4	4	4	2	4	2	3	4
Petrolatum	1	4	1	2	4	1	1	4	4	4	4	2	1	4	2	X	1
Petroleum Oil, Crude	1	4	1	2	4	1	1	4	4	4	4	2	1	4	4	A	1
Below 250°F	1	4	1	2	4	2	2	4	4	4	4	2	2	2	4	A	X
Petroleum Oil, Above 250°F	4	4	2	4	4	4	4	4	4	4	4	4	4	4	4	B	X
Phenol,	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
70%/30%H ₂ O	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	3	3
85%/15%H ₂ O	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Phenylbenzene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	2	X	X
Phenyl Ethyl Ether	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	X	X
Phenylhydrazine	4	4	1	4	2	4	X	4	2	1	1	4	X	X	4	X	X
Phorone	4	1	4	4	4	4	4	1	4	4	4	4	4	4	4	X	X
Phosphate Esters (2)																	
Phosphoric Acid, 3 Molar	4	1	1	3	2	X	X	2	2	2	2	2	2	2	4	X	X

Dynamic & Static

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Fluid Name	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
Phosphoric Acid, Concentrated	4	2	1	4	3	X	X	3	3	3	3	3	2	3	4	X	X
Phosphorus Trichloride	4	1	1	4	4	X	X	1	X	X	X	4	1	X	X	X	X
Picking Solution	4	3	2	4	4	4	4	3	4	4	4	4	4	4	4	4	X
Picric Acid, H ₂ O Solution	1	1	1	1	2	X	X	1	2	2	1	1	2	X	X	X	X
Molten	2	2	1	2	2	X	X	2	2	2	2	2	2	4	4	X	X
Pinene	2	4	1	3	4	4	2	4	4	4	4	4	1	4	2	X	X
Pine Oil	1	4	1	4	4	X	X	4	4	4	4	4	1	4	2	X	X
Piperidine	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	X	X
Plating Solutions, Chroms	X	1	1	4	X	X	X	1	X	4	4	4	X	4	4	X	X
Others	1	1	1	X	1	X	X	1	X	X	X	X	X	4	X	X	X
Pneumatic Service	1	1	1	1	4	4	1	1	4	4	4	1	4	4	4		X
Polyvinyl Acetate Emulsion	X	1	X	2	X	X	X	1	X	X	X	2	X	X	X	X	1
Potassium Acetate	2	1	4	2	4	4	4	1	4	1	1	4	4	4	4	X	X
Potassium Chloride	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Potassium Cupro Cyanide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	X	X
Potassium Cyanide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Potassium Dichromate	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	X	X
Potassium Hydroxide, 50%	2	1	4	2	2	4	4	1	2	2	2	1	3	3	2	1	X
Potassium Nitrate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Potassium Salts	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	X	X
Potassium Sulphate	1	1	1	1	2	4	1	1	1	2	2	2	1	1	2	1	X
Potassium Sulphite or Nitrate	1	1	1	1	2	4	1	1	1	2	2	2	1	1	2	X	X
Prestone Antifreeze	1	1	1	1	1	4	4	1	1	1	1	1	1	1	3	X	1
PRL-High Temp. Hydr. Oil	2	4	1	2	4	1	2	4	4	4	4	4	1	2	2	X	X
Producer Gas	1	4	1	2	4	2	1	4	4	4	4	2	2	2	4	X	X
Propane	1	4	1	2	4	1	3	4	4	4	4	2	2	4	1	1	1
Propane Propionitrile	1	4	1	2	4	1	4	4	4	4	4	2	3	4	1	X	X
Propyl Acetate	4	2	4	4	4	4	4	2	4	4	4	4	4	4	2	4	X
N-Propyl Acetone	4	1	4	4	4	4	4	1	4	4	4	4	4	4	2	4	4
Propyl Alcohol	1	1	1	1	1	4	4	1	1	1	1	1	1	1	1	1	1
Propylene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	2	X	X
Propylene Oxide	4	2	4	4	4	4	4	2	4	4	4	4	4	4	X	X	X
Propyl Nitrate	4	2	4	4	4	4	X	2	4	4	4	4	4	4	X	X	X
Pyranol, Transformer Oil	1	4	1	2	4	1	2	4	4	4	4	2	1	4	4	4	1
Pydraul, 10E, 29ELT	4	1	1	4	4	4	4	1	4	4	4	4	4	4	X	4	4
Pydraul, 30E, 50E, 65E, 90E	4	1	1	4	4	4	4	1	4	4	4	4	1	1	X	4	4
115E	4	1	1	4	4	4	4	1	4	4	4	4	3	4	X	4	4
230E, 312C, 540C	4	4	1	4	4	4	4	4	4	4	4	4	4	4	X	4	4
Pyridine Oil	4	2	4	4	4	4	X	2	4	4	4	4	4	4	4	4	X
Pyrogard 42, 43, 53, 55 (Phosphate Ester)	4	1	1	4	4	4	4	1	4	4	4	4	4	4	4	X	4
Pyrogard C,D	1	4	1	2	4	4	4	4	4	4	4	4	2	2	X	X	X
Pyroligneous Acid	4	2	4	4	4	4	4	2	4	4	4	4	4	X	2	X	X
Pyrolube	4	2	1	4	4	4	4	2	4	4	4	4	2	2	X	X	X

FLUID COMPATIBILITY TABLE

FLUID COMPATIBILITY TABLE

Fluid Name	Dynamic & Static										Static Only						
	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
Pyrrrole	4	4	4	4	2	4	X	4	2	2	2	4	4	2	4	X	X
R																	
Radiation	3	3	4	3	3	3	3	4	3	3	3	3	4	3	4	X	1
Red Oil (MIL-H-5606)	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	X
Red Line 100 Oil	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	X
RJ-1 (MIL-F-25558)	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	X
RP-1 (MIL-R-25576)	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	X
Rapeseed Oil	2	1	1	2	4	2	2	1	4	4	4	4	1	4	4	1	X
S																	
Sal Ammoniac	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	X	X
Salicylic Acid	2	1	1	X	2	X	X	1	2	1	1	X	1	X	X	X	X
Santo Safe 300	4	3	1	4	4	4	X	3	4	4	4	X	1	1	X	X	X
Sea (Salt) Water	1	1	X	2	1	4	4	1	1	1	1	1	1	1	4	X	1
Sewage	1	1	1	2	1	4	4	1	1	1	1	1	1	1	4	X	1
Shell Alvania Grease#2	1	4	1	2	4	1	1	4	4	4	4	4	1	2	1	X	X
Shell Carnea 19 & 29	1	4	1	4	4	1	2	4	4	4	4	4	1	X	X	X	X
Shell Diala	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X
Shell Iris 905	1	4	1	2	4	1	1	4	4	4	4	4	1	4	1	X	X
3XF Mine Fluid (Fire resist. Hydr.)	1	4	1	2	4	4	4	4	4	4	4	2	1	X	X	X	X
Shell Tellus #27, Pet.Base	1	4	1	2	4	1	1	4	4	4	4	4	1	4	2	X	X
Tellus #33	1	4	1	2	4	1	1	4	4	4	4	4	1	4	2	X	X
UMF (5% Aromatic)	1	4	1	2	4	1	1	4	4	4	4	4	1	4	2	X	X
Shell Lo Hydrax 27 & 29	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X
Shell Macoma 72	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X
Silicate Esters	2	4	1	1	4	X	1	4	4	4	4	X	1	4	X	X	X
Silicone Greases	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1
Silicone Oils	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1
Silver Nitrate	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	X
Sinclair Opaline CX-EPLube	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	X
Skelly, Solvent B, C, E,	1	4	1	4	4	X	X	4	4	4	4	4	1	X	X	X	X
Skydrol 500	4	1	4	4	4	4	4	2	4	4	4	4	3	3	4	4	4
Skydrol 7000	4	1	2	4	4	4	4	1	4	4	4	4	3	3	4	4	4
Soap Solutions	1	1	1	2	2	4	4	1	1	1	2	1	1	1	4	1	1
Socony Mobile Type A	1	4	1	2	4	1	2	4	4	4	4	4	2	4	X	X	1
Soconu Vacuum AMV AC781 (grease)	1	4	1	2	4	1	2	4	4	4	4	4	2	4	X	X	X
Vacuum PD959B	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	X
Soda Ash	1	1	1	1	1	X	X	1	1	1	1	1	1	1	4	1	1
Sodium Acetate	2	1	4	2	4	3	3	1	4	1	1	4	4	4	4	X	X
Sodium Bicarbonate (Baking Soda)	1	1	1	1	1	X	X	1	1	1	1	1	1	3	1	1	1
Sodium Borate	1	1	1	1	1	X	X	1	1	1	1	1	1	1	1	1	1
Sodium Carbonate (Soda Ash)	1	1	1	1	1	X	X	1	1	1	1	1	1	1	4	X	1
Sodium Bisulfate of Bisulfite	1	1	1	1	2	4	X	1	2	2	1	1	1	1	3	1	1
Sodium Chloride	1	1	1	1	1	X	1	1	1	1	1	1	X	1	3	1	

Fluid Name	Dynamic & Static										Static Only					
	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin
Sodium Cyanide	1	1	X	1	1	X	X	1	1	1	1	X	1	1	1	
Sodium Hydroxide, 3 Molar	2	1	2	2	2	4	2	1	1	1	1	1	2	1	4	2
Sodium Hypochlorite 20%	2	2	1	4	2	4	4	2	2	2	2	4	2	2	4	1
Sodium Metaphosphate	1	1	1	2	1	X	X	1	1	1	1	2	1	X	X	X
Sodium Nitrate	2	1	X	2	2	X	X	1	1	1	2	1	X	4	X	1
Sodium Perborate	2	1	1	2	2	X	X	1	2	2	2	2	1	2	2	X
Sodium Peroxide	2	1	1	2	2	4	4	1	2	2	2	2	1	4	X	X
Sodium Phosphate (Mono)	1	1	1	2	1	1	1	1	1	1	1	X	X	4	X	X
Sodium Phosphate (Dibasic)	1	1	1	2	1	1	1	1	1	1	1	X	4	X	X	
Sodium Phosphate (Tribasic)	1	1	1	2	1	1	1	1	1	1	1	X	1	X	X	
Sodium Salts	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	X
Sodium Silicate	1	1	1	1	1	X	X	1	1	1	1	X	X	X	X	
Sodium Sulphate	1	1	1	1	2	4	1	1	2	2	2	1	1	1	2	1
Sodium Sulphide & Sulfite	1	1	1	1	2	4	1	1	2	2	2	1	1	1	2	X
Sodium Thiosulfate	2	1	1	1	2	4	1	1	2	2	2	1	1	1	2	X
Sour Crude Oil (Contact Factory)																
Sour Natural Gas (Contact Factory)																
Sovasol No. 1, 2 & 3	1	4	1	2	4	2	2	4	4	4	4	2	1	4	2	X
No. 73 & 74	2	4	1	2	4	2	2	4	4	4	4	2	1	4	2	X
Soybean Oil	1	3	1	3	4	1	X	3	4	4	4	3	1	1	4	1
Spry	1	2	1	2	4	1	1	2	4	4	4	4	1	1	4	X
SR-6 Fuel	2	4	1	4	4	2	2	4	4	4	4	4	1	4	1	X
SR-10 Fuel	1	4	1	4	4	2	2	4	4	4	4	4	1	4	1	X
Standard Oil Mobilube GX90-EP Lube	1	4	1	2	4	1	1	4	4	4	4	2	1	4	2	X
Stannic Chloride, 50%	1	1	1	4	1	X	X	1	1	1	1	4	1	2	X	X
Stannous Chloride (15%)	1	1	1	1	1	X	X	1	1	1	1	1	1	2	X	X
Stauffer 7700	2	4	1	4	4	2	X	4	4	4	4	4	2	4	1	X
Steam, up to 350°F	4	1	4	4	4	4	4	2	4	4	4	4	4	3	4	X
above 350°F	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Stearic Acid	2	2	X	2	2	X	X	2	2	2	2	2	X	2	X	2
Stoddard Solvent	1	4	1	2	4	1	1	4	4	4	4	4	1	4	2	1
Strene (Monomer)	4	4	2	4	4	4	X	4	4	4	4	4	3	4	4	X
Sucrose Solutions	1	1	1	2	1	4	4	1	1	1	1	2	1	1	4	X
Sulfur Liquors	2	2	1	2	2	4	X	2	2	2	2	2	2	4	4	2
Sulfur	4	1	1	1	4	4	X	1	4	4	4	X	1	X	4	3
Sulfur Molten	4	3	1	3	4	4	4	3	4	4	4	4	3	3	4	X
Sulfur Chloride	4	4	1	4	4	4	X	4	4	4	4	4	1	3	4	X
Sulfur Dioxide, Wet	4	1	4	2	4	4	X	1	4	4	4	3	2	2	4	X
Dry	4	1	4	4	2	4	X	2	2	2	2	4	2	2	4	X
Liquidified under pressure	4	1	4	4	4	4	X	2	4	4	4	4	2	2	4	X
Sulfur Hexafluoride	2	1	3	1	4	4	X	1	4	4	4	2	2	2	3	1
Sulfuric Acid, 3 Molar	4	2	1	3	3	2	3	3	3	3	3	3	3	4	4	2

FLUID COMPATIBILITY TABLE

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Fluid Name	Dynamic & Static											Static Only					
	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
Concentrated	4	4	1	4	4	4	4	4	4	4	4	4	4	4	4		
Sulfurous Acid	2	2	1	2	2	4	X	2	2	2	2	1	X	4	4	X	
Sulfur Trioxide, Dry	4	2	1	4	4	4	X	2	2	2	2	4	2	2	4	X	
Sunoco SAE 10 #3661	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	
All purpose grease	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	
Sunsafe (Fire resist. Hydr. Fluid)	1	4	1	2	4	4	4	4	4	4	4	2	1	X	X	X	
Super Shell Gas	1	4	1	2	4	2	2	4	4	4	4	4	2	4	2	X	
Swan Finch EP Lube	1	4	1	4	4	1	1	4	4	4	4	4	1	4	1	X	
Swan Hypoid-90	1	4	1	2	4	1	1	4	4	4	4	4	1	4	1	X	
T																	
Tannic Acid (10%)	1	1	1	2	2	4	X	1	2	1	1	2	X	2	X	X	X
Tar, bituminous	2	4	1	3	4	4	X	4	4	2	3	4	1	2	X	2	X
Tartaric Acid	1	2	1	2	2	X	X	2	2	1	1	1	1	1	4	X	X
Terpineol	2	3	1	4	4	X	X	3	4	4	4	4	1	X	1	X	X
Tertiary Butyl Alcohol	2	2	1	2	2	4	4	2	2	2	2	2	2	2	2	X	1
P-Tertiary Butyl Catechol	4	2	1	2	2	4	X	2	2	4	4	2	1	X	4	X	X
Tertiary Butyl Mercaptan	4	4	1	4	4	4	X	4	4	4	4	4	X	4	4	X	X
Tertabromoethane	4	4	1	4	4	4	X	4	4	4	4	4	2	4	X	X	X
Tetabutyl Titanate	2	1	1	2	2	X	X	2	2	2	2	1	1	X	X	X	X
Tetrachoroethane	4	4	1	4	4	4	4	4	4	4	4	4	2	X	4	X	X
Tetrachloroethylene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Tetraethyl Lead	2	4	1	2	4	X	X	4	4	4	4	4	4	X	X	X	X
Tetraethyl Lead "Blend"	2	4	1	4	4	X	X	4	4	4	4	4	2	X	X	X	X
Tetrahydrofuran	4	2	4	4	4	4	X	2	4	4	4	4	X	X	1	X	X
Tetralin	4	4	1	4	4	X	X	4	4	4	4	4	1	4	4	X	X
Texaco 3450 Gear Oil	1	4	1	4	4	1	1	4	4	4	4	4	1	4	1	X	1
Texaco Capella A & AA	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X
Texaco Meropa#3	1	4	1	2	4	1	2	4	4	4	4	4	1	4	X	X	X
Texaco Regal B	1	4	1	4	4	1	1	4	4	4	4	4	1	4	1	X	X
Texaco Uni-Temp. Graese	1	4	1	2	4	1	1	4	4	4	4	4	1	2	1	X	1
Texamatic "A" Transmission Oil	1	4	1	2	4	1	2	4	4	4	4	4	2	4	X	X	1
1581 Fluid	1	4	1	2	4	1	2	4	4	4	4	4	2	4	X	X	1
3401 Fluid	1	4	1	2	4	1	2	4	4	4	4	4	2	4	X	X	1
3525 Fluid	1	4	1	2	4	1	2	4	4	4	4	4	2	4	X	X	1
Texamstic "A" 3528 Fluid	1	4	1	2	4	1	2	4	4	4	4	4	2	4	X	X	1
Texas 1500 Oil	1	4	1	2	4	1	1	4	4	4	4	4	1	2	1	X	X
Thiokol TP-90B	4	1	1	2	4	X	X	1	X	X	X	2	2	X	X	X	X
TP-95	4	1	1	2	4	X	X	1	X	X	X	2	2	X	X	X	X
Tidewater Oil-Beedol	1	4	1	2	4	1	1	4	4	4	4	4	1	2	1	X	X
Tidewater Multigear 140, EP Lube	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	1
Titanium Tetrachloride	2	4	1	4	4	4	4	4	4	4	4	4	2	4	3	X	X

Fluid Name	Dynamic & Static										Static Only						
	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
Toluene	4	4	1	4	4	4	4	4	4	4	4	4	2	4	2	4	4
Toluene Diisocyanide	4	2	4	4	4	4	X	2	4	4	4	4	4	4	X	X	X
Transformer Oil	1	4	1	2	4	2	1	4	4	4	4	4	1	2	1	X	1
Transmission Fluid Type A	1	4	1	2	4	1	1	4	4	4	4	2	1	2	1	1	1
Triacetin	2	1	4	2	3	4	4	1	2	2	2	2	4	X	2	X	X
Triaryl Phosphate	4	1	1	4	4	4	4	1	4	4	4	4	2	3	2	X	X
Tributoxyethyl Phosphate	4	1	1	4	2	4	4	1	2	4	2	4	2	X	1	X	X
Tributyl Mercaptan	4	4	1	4	4	4	X	4	4	4	4	4	3	4	4	X	X
Tributyl Phosphate	4	1	4	4	4	4	4	2	4	2	2	4	4	X	1	X	4
Trichloroacetic Acid	2	2	3	4	4	4	4	2	2	2	2	4	4	X	X	X	X
Trichloroethane	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	4
Trichloroethylene	3	4	1	4	4	4	4	4	4	4	4	4	2	4	4	4	4
Tricresyl Phosphate	4	1	2	4	4	4	4	1	4	4	4	4	2	3	2	4	4
Triethanol Amine	3	2	4	2	2	4	4	2	2	2	2	2	4	X	4	X	X
Trifluoroethane	4	4	1	4	4	4	4	4	4	4	4	4	2	4	4	X	X
Trinitrotoluene	4	4	2	2	4	4	X	4	4	4	4	2	2	X	2	X	X
Trioctyl Phosphate	4	1	2	4	4	4	4	1	4	4	4	4	2	3	2	X	4
Tripoly Phosphate	4	1	2	3	4	4	4	1	4	4	4	4	1	3	2	X	X
Tung Oil (China Wood Oil)	1	4	1	2	4	X	3	3	4	4	4	3	2	4	2	X	X
Turbine Oil	1	4	1	4	4	1	1	4	4	4	4	4	1	4	1	1	X
Turbine Oil #15 (MIL-L-7808A)	2	4	1	4	4	2	4	4	4	4	4	4	2	4	1	X	X
Turbo Oil #35	1	4	1	2	4	1	1	4	4	4	4	4	1	4	1	X	X
Turpentine	1	4	1	4	4	2	4	4	4	4	4	4	2	4	2	1	X
Type I Fuel (MIL-S-3136)	1	4	1	2	4	2	1	4	4	4	4	2	1	4	1	X	X
(ASTM Ref.Fuel A)																	
Type II Fuel (MIL-S-3136)	2	4	1	4	4	4	2	4	4	4	4	4	2	4	2	X	X
Type III Fuel (MIL-S-3136)	1	4	1	4	4	4	2	4	4	4	4	4	1	4	1	X	X
(ASTM Ref.Fuel B)																	
U																	
Ucon Hydrolube J-4	1	1	1	2	1	4	4	1	2	X	X	X	2	1	X	X	X
Lubricant LB-65	1	1	1	1	2	X	X	1	2	2	2	2	1	1	X	X	X
Lubricant LB-135	1	1	1	1	1	X	X	1	1	1	1	1	1	1	X	X	X
Lubricant LB-285	1	1	1	1	1	X	X	1	1	1	1	1	1	1	X	X	X
Lubricant LB-300X	1	1	1	1	1	X	X	1	1	1	1	1	1	1	X	X	X
Unco Lubricant LB-625	1	1	1	1	1	X	X	1	1	1	1	1	1	1	X	X	X
Lubricant LB-1145	1	1	1	1	1	X	X	1	1	1	1	1	1	1	X	X	X
Lubricant 50-HB55	1	1	1	1	1	X	X	1	1	1	1	1	1	1	X	X	X
Lubricant 50-HB-100	1	1	1	1	1	X	X	1	1	1	1	1	1	1	X	X	X
Lubricant 50-HB-260	1	1	1	1	1	X	X	1	1	1	1	1	1	1	1	X	X
Unco Lubricant 50-HB-660	1	1	1	1	1	X	X	1	1	1	1	1	1	1	1	X	X
Lubricant 50-HB-5100	1	1	1	1	1	X	X	1	1	1	1	1	1	1	X	X	X
Oil LB-385	1	1	1	1	1	X	X	1	1	1	1	1	1	1	X	X	X
Oil LB-400X	1	1	1	1	1	X	X	1	1	1	1	1	1	1	X	X	X

FLUID COMPATIBILITY TABLE

Fluid Name	Dynamic & Static										Static Only						
	Nitrile	Ethylene-Propylene EPDM	Fluorocarbon Viton	Neoprene	SBR	Polyacrylate	Polyurethane	Butyl	Butadiene	Isoprene	Natural	Hypalon Chlorosulfonated Polyethylene	Fluorosilicone	Silicone	Polysulfide	Epichlorohydrin	Ethylene Acrylic
Oil 50 HB-280X (Polyacrylon Glycol Derivative)	1	1	1	1	1	X	X	1	1	1	1	1	1	1	X	X	X
Univis 40 (Hydr. Fluid)	1	4	1	2	4	1	1	4	4	4	4	2	1	4	1	X	X
Univolt #35 (Mineral Oil)	1	4	1	2	4	1	1	4	4	4	4	4	1	4	1	X	X
Unsymmetrical Dimethyl Hydrazine (UDMH)	2	1	4	2	2	X	X	1	1	1	1	1	4	4	4	X	X
V																	
Varnish	2	4	1	4	4	4	3	4	4	4	4	4	2	4	1	X	X
Vegetable Oil	1	3	1	3	4	1	X	3	4	4	4	X	1	1	4	1	1
Versilube F-50	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	X
Vinegar	2	1	1	2	2	4	4	1	2	2	2	1	3	1	2	X	1
VV-H-910	3	1	1	2	X	4	4	2	2	2	2	2	2	2	4	X	X
W																	
Wagner 21B Brake Fluid	3	1	4	2	1	X	X	2	X	X	X	2	4	3	4	X	4
Water	1	1	2	2	1	4	4	1	1	1	1	1	1	1	4	2	1
Wemco C	1	4	1	2	4	1	1	4	4	4	4	4	1	4	1	X	X
Whiskey & Wines	1	1	1	1	1	4	4	1	1	1	1	1	1	1	4	X	1
Whithe Pine Oil	2	4	1	4	4	X	X	4	4	4	4	4	1	4	2	X	X
White Oil	1	4	1	2	4	1	1	4	4	4	4	4	1	4	1	X	X
Wolmar Salt	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	X	X
Wood Alcohol	1	1	4	1	1	4	4	1	1	1	1	1	1	1	2	X	1
Wood Oil	1	4	1	2	4	X	3	3	4	4	4	3	2	4	2	X	X
X																	
Xylene	4	4	1	4	4	4	4	4	4	4	4	4	1	4	2	4	X
Xylenes-Mixed-Aromatic Amines	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	X	X
Xylol	4	4	1	4	4	4	4	4	4	4	4	4	1	4	2	X	X
Xenon	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	X	X
Z																	
Zinc Acetate	2	1	4	2	4	4	4	1	4	1	1	4	4	4	4	X	X
Zinc Chloride	1	1	1	1	1	4	X	1	1	1	1	1	1	X	3	X	X
Zinc Salts	1	1	1	1	1	4	1	1	1	1	1	1	1	1	4	X	X
Zinc Sulfate	1	1	1	1	2	4	X	1	2	2	2	1	1	1	4	X	X
Zeolites	1	1	1	1	1	X	X	1	1	1	1	1	1	X	X	X	X