

## Military Fluid Specification Description

Fluid Specification	Parker O-Ring Compound	Description	Fluid Specification	Parker O-Ring Compound	Description
MIL-L-2104	N0304-75	Oil, Engine	MIL-E-8500	E1267-80	Ethylene Glycol, Technical, Uninhibited
MIL-S-3136	N0602-70	Standard Test Fluids, Hydrocarbon	MIL-G-10924	N0304-75	Automotive Grease
MIL-L-3150	N0304-75	Oil, Preservative	MIL-H-13910	E1267-80	Hydraulic Fluid, Non-petroleum Automotive Brake
MIL-G-3278	LM159-70	Aircraft Grease	MIL-L-15017	N0304-75	Oil, Hydraulic
MIL-O-3503	N0304-75	Oil, Preservative	MIL-G-15793	N0304-75	Grease, Instrument
MIL-G-3545	N0304-75	Hi-Temperature Grease	MIL-F-16884	N0304-75	Fuel Oil, Diesel, Marine
MIL-G-4339	N0304-75	Soluble Oil	MIL-F-17111	N0304-75	Power Transmission Fluid
MIL-G-4343	N0304-75	Pneumatic System Grease	MIL-L-17331	V1164-75	Lubricating Oil, Non-corrosive, Steam Turbine
MIL-J-5161	N0602-70	Jet Fuel, Referee	MIL-H-19457	E1267-80	Fire Resistant Hydraulic Fluid (phosphate-ester base)
MIL-F-5566	E1267-80	Isopropyl Alcohol	MIL-L-21260	N0304-75	Lubricating Oil, Engine, Preservative
MIL-G-5572	N0602-70	Fuel, Aircraft Reciprocating Engine, Grades 80/87 91/96, 100/130,115/145 Aviation Gas	MIL-S-21568	E1267-80	Silicone Fluid, Dimethyl Polysiloxane
MIL-H-5606	(1)	Hydraulic Fluid, Petroleum Base, Aircraft and Ordnance	MIL-H-22251	E1267-80	Hydrazine Solution, 22%
MIL-T-5624	N0602-70	Jet Fuel JP-4, JP-5	MIL-L-23699	V1164-75	Lubricating Oil, Aircraft Turbine Engine, Synthetic Base
MIL-L-6081	N0304-75	Jet Engine Oil	MIL-G-23827	N0602-70	Grease, Aircraft and Instrument
MIL-L-6082	N0304-75	Lubricating Oil, Aircraft Reciprocating Piston Engine	MIL-G-25013	V1164-75	Bearing Grease, Extreme High Temperature
MIL-H-6083	N0304-75	Hydraulic Fluid, Preservative	MIL-G-25537	N0304-75	Aircraft, Helicopter Oscillating Bearing Grease
MIL-L-6085	V1164-75	Synthetic Di-ester Base Fluid	MIL-F-25558	N0602-70	Fuel, Ram Jet (RJ1)
MIL-A-6091	E1267-80	Denatured Ethyl Alcohol	MIL-C-25576	N0602-70	Rocket and Ram Jet Fuel (RP1)
MIL-L-6387	V1164-74	Synthetic Di-ester Base Lubricating Oil	MIL-F-25656	N0602-70	Jet Fuel, Grade JP6
MIL-C-7024	N0602-70	Aircraft Calibrating Fluid	MIL-L-25681	V1164-75	Oil, Moly Disulphide, Silicone Base, High Temperature
MIL-H-7083	E1267-70	Hydraulic Fluid, Hydrolube	MIL-G-25760	V1164-75	Bearing Grease, Wide Temp. Range
MIL-G-7118	N0304-75	Actuator Grease	MIL-P-27402		Propellant, Aerozine-50
MIL-G-7187	N0304-75	Grease, Graphite	MIL-H-27601	V1164-75	Hydraulic Fluid, Petroleum Base, High Temperature, Flight Vehicle
MLO-7277	V1164-75	Hydraulic Fluid, Petroleum Base, Hi-Temp.	MIL-L-46167	N0304-75	Lubricating Oil, Internal Combustion Engine, Arctic
MIL-G-7421	LM159-70	Grease, Extreme Low Temp.	MIL-H-46170	(2)	Hydraulic Fluid, Rust Inhibited, Fire Resistant, Synthetic
MLO-7557	V1164-75	Hydraulic Fluid, Petroleum Base, Hi-Temp.	MIL-F-81912	V1164-75	Fuel, Expendable, Turbine Engine
MIL-G-7711	N0304-75	Grease, General Purpose	MIL-F-82522	N0602-75	Fuel, Ramjet Engine, T-H Dimer Grade RJ-4
MIL-L-7808	V1164-75	Lubricating Oil, Aircraft Turbine Engine, Synthetic Di-ester Base	MIL-T-83133	47-071	Turbine Fuel, Aviation, Kerosene Type, Grade JP-8
MIL-L-7870	N0304-75	Lubricating Oil, Low Temperature, General Purpose	MIL-H-83282	(2)	Hydraulic Fluid, Fire Resistant, Synthetic Hydrocarbon Base, Aircraft
MIL-C-8188	V1164-75	Corrosion Preventive Oil, Syn. Base	MIL-H-87257	(2)	Hydraulic Fluid, Fire Resistant, Synthetic Hydrocarbon Base, Aircraft, Low Temperature
MLO-8200	V1164-75	Hydraulic Fluid, Aircraft and Missile, Silicate-ester Base			
MIL-H-8446	V1164-75	Hydraulic Fluid, Silicate-ester Base (MLO-8515)			
MLO-8515	V1164-75	Hydraulic Fluid, Silicate-ester Base (MIL-H-8446)			
MIL-L-9000	N0304-75	Lubricating Oil, Diesel			
MIL-L-9236	V1164-75	Synthetic Lubricating Oil, Turbine			

(1) -48°C to +113°C (-55°F to +235°F), cpd. N0304-75  
-54°C to +135°C (-65°F to +275°F), cpd. N0756-75

(2) -26°C to +204°C (-15°F to +400°F), cpd. V1164-75  
-29°C to +135°C (-20°F to +275°F), cpd. N0951-75  
-54°C to +135°C (-65°F to +275°F), cpd. N0756-75

Recommended compounds are military quality, meeting military material specifications.  
Appropriate industrial compounds may be selected from the Fluid Compatibility Table in Section VII.

**Table 8-2: Military Fluid Specification Description**