



TECHNOLUBE MIL-PRF-6083 HYDRAULIC OIL

SUPER CLEAN HYDRAULIC FLUID (PRESERVATIVE)

Product Description: **TECHNOLUBE MIL-PRF-6083** is a petroleum base, low viscosity, hydraulic and preservative fluid for aircraft and ordnance use. The TechnoLube MIL-PRF-6083 formulation is a blend of selected petroleum oils with additives to give a product with exceptionally good viscosity-temperature characteristics, good anti-wear properties, controlled rubber swell, good shear stability and excellent oxidation resistance. It is an excellent corrosion preventive and provides a high degree of detergency to maintain clean systems.

Specifications:

- Approved under Military Specification MIL-PRF-6083.

Uses:

- TECHNOLUBE MIL-PRF-6083 is intended for use in aircraft, ordnance and other general hydraulic use, and for preserving hydraulic components. It is used in acceptance testing of hydraulic components intended for use in MIL-H-5606 service. It is used in hydraulic systems of missile ground support equipment where its preservative properties make it particularly suitable for the long periods of inactivity encountered in this service.

Typical Specifications:

TEST	SPECIFICATION REQUIREMENT	TYPICAL
Viscosity @ 40°C., cs	13 min	13.38
Viscosity @ -40°C., cs	800 max	592
Viscosity @ -54°C., cs	3500 max	3300
Pour Point, °C.	-59 min	-62
Flash Point, °C	82 min	95
Acid Number, mg KOH/gm.	0.20 max	0.056
Water, %	0.05 max	Pass
Trace Sediment, ml	.005 max	0.0001
Particulate Contamination by Automatic Particle Counter		
5 - 25 microns	10,000	<1000
26 - 50 microns	250	<50
51 - 100 microns	25	<2
over 100 microns	5	<1
Specific Gravity 60°F/60°F.	0.868 - 0.884	0.8756

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY