



PRODUCT INFORMATION

A product of Lubricating Specialties Company

Technolube MIL-PRF-6083G Hydraulic Oil

SUPER CLEAN HYDRAULIC FLUID (PRESERVATIVE)

Product Description

Technolube **MIL-PRF-6083G** is petroleum based low viscosity hydraulic and preservative fluid for aircraft and ordinance use. Technolube **MIL-RF-6083G** formulation is a blend of selected petroleum base oils with additives to give the product, exceptionally good viscosity-temperature characteristics, good anti-wear properties, controlled rubber swell, good shear stability and excellent oxidation resistance. It has an excellent corrosion preventative property and provides a high degree of detergency to maintain clean system.

Advantages & Uses

- Technolube **MIL-PRF-6083G** is intended for use in aircraft, ordinance and other general hydraulic uses, and for preserving hydraulic components.
- The Oil is used for testing and acceptance of hydraulic components intended for use in **MIL-H-5606 services**.
- It is used in hydraulic systems of missile ground support equipment where its preservative properties make it particularly suitable for long periods of inactivity encountered in this type of service.

Features

- Approved under Military Specification MIL-PRF-6083 – Current **QPL # H-6048**.

Test	Spec. Requirement	Typical
Specific Gravity 15.6 / 15.6 °C.	0.868 – 0.884	0.8756
Color, (D 1500)	5.5 max	L2.0
Viscosity:		
cSt. @40°C.	13.0 min.	13.38
cs @ -40°C.	800 max.	592
cs @ -54°C.	3500 max.	3300
Flash Point, COC, °C	82 min.	95
Pour Point, °C.	- 59 min	- 62
Trace Sediments.ml	0.005 max	0.00001
TAN, mg KOH / gm	0.20 max	0.056
Water %	0.05 max	Pass
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

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY