



Technical Product Information

# TECHNOLUBE FB-003

MIL-PRF-5606H  
SUPER CLEAN HYDRAULIC FLUID  
(OPERATIONAL)

**Product Description:** TECHNOLUBE FB-003 is a blend of the highest quality, low viscosity, naphthenic base stocks with a highly shear stable viscosity index improver and selected additives. TECHNOLUBE's FB-003 formulation offers a product with exceptionally good viscosity temperature characteristics, controlled rubber swell, excellent oxidation stability and good anti-wear properties. TECHNOLUBE FB-003 is recommended in closed airless systems from -54 °C (-65° F.) to +135° C(+275°F.) and in open systems up to +71° C(160° F.).

**Specifications:**

- FB-003 is approved under Military Specification MIL-PRF-5606H.

**Uses:**

- TECHNOLUBE FB-003 is intended for use in automatic pilots, shock absorbers, shock struts, brakes, flap control mechanisms, missile hydraulic servo-controlled systems, and other hydraulic systems using compatible elastomers and seals.

**Typical Specifications:**

TEST	SPECIFICATION REQUIREMENT	TYPICAL
Viscosity:		
cSt. @ 100-C.	4.90 min.	5.1
cSt. @ 40°C.	13.2 min.	13.5
cSt. @ -40°C.	600 max.	495
cSt. @ -54°C.	2500 max	2450
Pour Point, °C.	-60 max.	-64
Flash Point, (PMCC) °C.	82 min.	90
Acid or Base Number	0.02 max.	0.05
Rubber Swell, Standard "L", %	19.0-30.0	28
Evaporation Loss, %	20 max.	10
Copper Strip Corrosion, ASTM	2 max.	2a
Water, PPM	100 max.	60
Solid Particle Contamination		
Number per 100 ml.		
Particle Size, Microns:		
5-15	10,000	<1,000
16-25	1,000	<150
26-50	150	<20
51-100	20	<10
Over 100	5	<2

**VALUES SHOWN HERE ARE TYPICAL AND MAY VARY**