



TECHNOLUBE FB-001 F

MIL-PRF-83282D

SUPER CLEAN SYNTHETIC FIRE RESISTANT HYDRAULIC FLUID
(OPERATIONAL)

Product Description: TECHNOLUBE FB-001 F is a blend of synthetic hydrocarbons, the finest lubricant grade diester and selected additives. TECHNOLUBE's FB-001 F formulation offers a product with exceptionally good viscosity temperature characteristics, complete shear stability, controlled rubber swell, excellent oxidation stability, and good antiwear properties. TECHNOLUBE FB-001 F. Is recommended in closed airless systems from -65° F. to +275° F. and in open systems up to +225° F.

Specifications:

- FB-001 is approved under Military Specification MIL-PRF-83282.

Uses:

- TECHNOLUBE FB-001 F 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.	3.45 min.	3.86
cSt. @ 40°C.	14.0	14.47
cSt. @-40°C.	2,200 max.	2,000
Flash Point, °C.	205 min.	228
Fire Point, °C.	245 min.	252
Evaporation Loss, %	20 max.	13.2
Specific Gravity @ 60/60°F.	Report	0.850
Pour Point, °C.	-55 max.	-68
Solid Particle Contamination		
Residue, mg	0.3 max.	<0.1
Filter Time, Min.	15 max.	10
Particle Size, Microns:		
5-15	2,500 max.	<1,000
16-25	1,000 max.	<150
26-50	250 max.	<20
51-100	25 max.	<10
over 100	10 max.	<2

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY