



Technical Product Information

TECHNOLUBE FB-002

MIL-PRF-46170

SUPER CLEAN SYNTHETIC FIRE RESISTANT, RUST INHIBITED HYDRAULIC FLUID
(PRESERVATIVE)

Product Description: TECHNO LUBE FB-002 is a blend of the synthetic hydrocarbons, lubricant grade diesters and selected additives. TECHNOLUBE's FB-002 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-002 is recommended in closed systems from -65° F. to above +275° F. in open systems up to 350°F. (for short periods).

Specifications:

- FB-002 is approved under Military Specification MIL-PRF 461700 .

Uses:

- The hydraulic fluid covered by this specification is intended for use in the tank recoil mechanism and hydraulic systems.
- The fluid is rust inhibited and may be used as a preservative medium for hydraulic systems and components. The hydraulic fluid covered by this specification is also intended for use in aerospace test stands.

Typical Specifications:

TEST	SPECIFICATION REQUIREMENT	TYPICAL
Viscosity:		
cSt. @ 100-C.	3.4 min.	3.64
cSt. @ 40°C.	19.5 max.	15.3
cp@-40°C.	2,600 max.	2,246
Flash Point, °C.	218 min.	228
Fire Point, °C.	246 min.	249
L.Rubber Swell %	15 to 25	18.1
Particle Size, Microns:		
5-25	10,000 max.	1,200
26-50	250 max.	20
51-100	50 max.	1
over 100	10 max.	0
Specific Gravity 15.6/15.6°C.	.8468-.8628	.852

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY