



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