



TECHNOLUBE FC-001

MIL-PRF-2105

MULTI PURPOSE GEAR OIL

Product Description: TECHNOLUBE FC-001 Series Products are petroleum based multipurpose gear lubricants. The lubricants are intended for automotive gear units. Heavy-duty industrial type closed gear units, steering gear and fluid lubricated universal joints of automotive equipment. **TECHNOLUBE FC-001** products are formulated with a sulfur-phosphorous type additive package. That package contains rust and corrosion inhibitors, extreme-pressure antiwear agents, pour point depressants and foam inhibitors.

Features:

- EP protection for hypoid gears .
- Excellent oxidation stability at high temperature.
- Good rust protection.
- Compatibility with other automotive gear oils.
- Non-foaming.

Specifications:

- FC-001 products meet MIL-PRF-21 05 grades 80W-90 and 85W-140 and API GL-5 Service.
- Additionally FC-001 products meet Mack GO-F, Timken Axle Specification 0-64-0-76 and others.

Typical Specifications:

GRADE, SAE	80W-90	85W-140
Gravity °API @ 15.5°C.	28.5	26.3
Specific @ 15.6/15.6°C.	0.884	
Pounds/Gallons @ 15.6°C.	7.36	7.558
Flash Point, °C.	215	234
Viscosity:		
cSt. @ 100°C.	14.55	25.4
cSt. @ 40°C.	145.7	345
cp@-12°C.		46,500
CP @-26°C.	125,800	
Viscosity Index	107	96
Pour Point, °C.	-30	-15
Channel Point	<-26	<-20
Copper Strip Corrosion 3 hrs.@ 121°C.	1b	1b
Foam:		
SEQ.1 mUml	0/0	0/0
SEQ. 2 mUml	0/0	0/0
SEQ. 3 mUml	0/0	0/0

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY