



PREMIUM TO 50

(SAE 50 Transmission Lube Meeting OEM Requirements)

The modern trucks have added catalytic converters and reduced transmission ventilation resulting in undercarriages having higher temperatures. As a result, operating temperatures in the transmissions have increased.

PREMIUM TO 50 OIL is SAE 50 synthetic transmission oil which exceeds the oxidation stability of conventional transmission oils. It dramatically reduces sludge, varnish and other deposits. It extends the oil life and drain interval up to 500,000 miles.

PREMIUM TO 50 OIL is specially formulated from synthetic base stocks and selected additives and inhibitors to protect bearings and synchronizers, reduce component wear, extend drain intervals and provide long, trouble free performance in heavy duty manual transmissions which require a non-EP gear or transmission lubricant. It offers a wide application temperature range, eliminating the need for seasonal oil changes. Its high viscosity index, low pour point and improved sub-zero flow properties provide superior wear protection for transmission gears at cold weather start-up, and maintain easy shifting.

PREMIUM TO 50 OIL reduces friction and drag in the transmission resulting in cooler operation and potential fuel economy.

PREMIUM TO 50 OIL is recommended for use in Eaton and ArvinMeritor transmissions where extended drain intervals are desired.

BENEFITS:

- MINIMIZES SLUDGE AND VARNISH DEPOSITS
- EXTENDS OIL DRAIN INTERVAL AND WARRANTY COVERAGE
- EXCELLENT COLD FLOW PROPERTIES
- REDUCES FRICTION AND PROTECTS COMPONENTS
- OFFERS ALL CLIMATE, YEAR-ROUND SERVICES

APPLICATIONS:

PREMIUM TO 50 OIL is recommended for heavy-duty manual transmissions that specify a non-EP lubricant. It is designed to meet the requirements of Eaton and Arvin Meritor transmissions. Meets or exceeds the following requirements:

- Arvin-Meritor O-81
- API MT-1

PREMIUM TO 50 OIL is compatible with seals, paints, coatings, plastic or metal parts, and other materials commonly used in automotive and fleet equipment. It is miscible with mineral oil based lubricants.



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TYPICAL CHARACTERISTICS

SAE Grade	50
Product Code	40xxx
API Gravity (ASTM D-1298)	33.0
Specific Gravity (ASTM D-1298)	0.860
Density (ASTM D-1298) lbs/gal (g/cc)	7.16
Viscosity (ASTM D-445):	
cSt @ 40°C	155
cSt @ 100°C	19.8
Viscosity Index (ASTM D-2270)	147
Flash Point (ASTM D-92) °F (°C)	465 (240)
Channel Point (FTMS 3456), °F(°C)	Below -50 (-46)
Pour Point (ASTM D-97) °F (°C)	-40 (-40)
Copper Strip Corrosion (ASTM D-130)	
3 Hours @ 212 F	1a
3 Hours @ 250 F	1a

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.
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