

Lotus Lubes™ SUPER SYN Gear Oil

PRODUCT DESCRIPTION

LOTUS Lubes™ SUPER SYN Gear Oil is specially formulated with proprietary PolyAlphaOlefin Synthetic base stocks and state-of-the-art additive technology to provide ultimate protection and peak performance in passenger car and truck axles with hypoid gear sets operating under severe conditions and extreme temperatures. **LOTUS Lubes™ SUPER SYN Gear Oil** meet the stringent performance standards for Dana Corporation’s (Eaton) Roadranger **750,000 mile** extended warranty program.

LOTUS Lubes™ SUPER SYN Gear Oil is available in SAE grades 75W-90, 75W-140, and 80W-140 and exceeds performance requirements as defined by API classifications GL-5 and MT-1.

FEATURE & BENEFITS

- * Outstanding low-temperature shifting performance and cold start-ups
- * Maximum resistance to oxidation, sludge and varnish formation
- * Protection against gear rust and corrosion
- * Optimum fuel economy
- * Superior wear protection for critical gear components
- * Provides smooth shifting operation
- * Formulated with proprietary PolyAlphaOlefin Synthetics for maximum resistance to thermal breakdown
- * Meets performance requirements for Dana/Eaton Roadranger 750,000 mile extended warranty program
- * SAE grades 75W-90 and 75W-140 are formulated with limited-slip (LS) additive
- * Provides ultimate wear protection for critical gear components from shock loading
- * Resists deposit formation to protect seals from deterioration and prevent loss of fluid



TYPICAL PHYSICAL PROPERTIES

SAE Grade	Test Method	75W-90	75W-140	80W-140
API Service		GL-5 & MT-1	GL-5 & MT-1	GL-5 & MT-1
Pounds per Gallon		7.27	7.30	7.34
Gravity, °API	ASTM D287	28.3	31.6	27.8
Flash Point, °C (°F)	ASTM D445	204(400)	210(412)	212(415)
Pour Point, °C (°F)	ASTM D97	-48 (-54)	-45 (-49)	-39 (-38)
Viscosity, cSt @ 40°C	ASTM D445	128.0	176.4	262.0
Viscosity, cSt @ 100°C	ASTM D445	17.5	24.8	31.1
Brookfield Viscosity, cP	ASTM D2983	100,000@-40°C	126,000@-40°C	60,000@-26°C
Viscosity Index	ASTM D2270	158	173	160

Minor variations in typical physical properties may occur from normal manufacturing processes

APPLICATIONS

Recommended for passenger car, light-truck and heavy-duty truck axles with hypoid gear sets operating under severe conditions, extreme temperatures and extended service intervals requiring:

- * **API Service GL-5 & MT-1**
- * **U.S. Military MIL-PRF-2105E**
- * **Ford WSL-M2C192-A (75W-140)**
- * **Dana Corporation SHAES-256**
- * **ArvinMeritor (Rockwell) O76-Q (extended drain), O-76-E (petrol), O-76-N (syn)**
- * **Mack GO-J & GO-J Plus**
- * **Eaton PS-163, PS-037 & PS-109; General Electric D50E9C; Harnisfeger (P& H) 474; Navistar TMS 6816; U.S. Steel 224 and AGMA Standard 250.03**