

UNT E-MG LSD

AUTOMOTIVE GEAR OIL

Description

Hydrotreated automotive gear oil manufactured from selected, highly refined base oil and blended with friction modifier that is an ashless oil-soluble friction reducer for use in automotive gear oil with limited slip performance. This combination creates a product with excellent chemical and thermal stability over a wide range of temperature.

This product is designed to provide top-tier performance under extremely high pressure (EP Condition) by utilizing the core Sulfur-Phosphorus EP Technology. This advanced chemistry allows it to be able to withstand the super high loads between the teeth of hypoid gear sets commonly found in modern vehicles' transmission system. This product also provides excellent thermal stability and corrosion resistance, as well as anti-foaming abilities to suppress excess forming. The superior sulfur / phosphorus additive is fully compatible with seals and gaskets.

Properties

- τ Proven gear protection in low and high speed conditions
- τ Reduces costs associated with seasonal oil changes
- τ Improves fuel economy
- τ Superior sulfur phosphorus additives

Technical Characteristics

Test Description	Method	Unit	90	140	75W90	80W90
SAE Viscosity Grade	SAE J 300	-	90	140	75W90	80W90
Density @ 15 °C	ASTM D 4052	kg/L	0.8850	0.9020	0.8774	0.8750
Flash Point	ASTM D 92	°C	218	220	220	212
Pour Point	ASTM D 97	°C	-9	-6	-36	-27
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	188	445	81.7	138
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	17.7	30.2	14.66	14.7
Viscosity Index	ASTM D 2270	-	102	97	188.6	106

Technical Characteristics

Test Description	Method	Unit	
SAE Viscosity Grade	SAE J 300	-	85W140
Density @ 15 °C	ASTM D 4052	kg/L	0.8950
Flash Point	ASTM D 92	°C	220
Pour Point	ASTM D 97	°C	-12
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	373
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	27.4
Viscosity Index	ASTM D 2270	-	99

Specifications

τ API	GL-5
τ API	MT-1
τ MERITOR	0-76A IN SAE 85W140
τ MERITOR	0-76D IN SAE 80W90
τ FORD	WSP-M2C197A IN SAE 80W90
τ MACK	GO-J
τ MIL	PRF-2105E
τ SAE	J2360
τ ZF	TE ML-07 A
τ ZF	TE ML-08
τ DRAIN-AND-FILL	
τ HIGH TEMP. L37 CAPABLE	
τ LIMITED SLIP	

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