



PRODUCT DATA SHEET

DuraMAX[®] SYNTHETIC LS GEAR OILS

SYNTHETIC LIMITED SLIP GEAR OIL



PRODUCT DESCRIPTION

DuraMAX[®] SYNTHETIC LIMITED SLIP GEAR OILS are synthetic, multipurpose gear oils for use in modern passenger vehicles gear lubricant applications. They feature low pour and channel points which allow the oil to flow readily to lubricated surfaces, even in sub-zero temperatures. The high viscosity index provides maximum protection over a wide range of temperatures.

PRODUCT APPLICATION

DuraMAX SYNTHETIC LIMITED SLIP GEAR OILS are recommended for use in automotive differentials where API GL-5, limited slip applications are suggested. They are also recommended for applications where heat, water and extended drain intervals contribute to severe service:

- Conventional differentials
- Limited slip rear axles
- Hypoid gears
- Bevel gears
- Manual transmissions
- Final drives
- Gear boxes

SPECIFICATIONS

API GL-5
 MT-1
 SAE J2360
 Limited Slip
 AGMA 9005-E02, 251.02, 250.04
 ArvinMeritor (Rockwell Intl) 076-A (75W-90)
 Mack GO-J Plus (SAE 75W-90)

TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	SAE 75W-90	SAE 75W-140
Viscosity @ 40°C (cSt)	ASTM D445	114.5	153.8
Viscosity @ 100°C (cSt)	ASTM D445	17.8	25.1
Viscosity Index	ASTM D2270	173	198
Flash Point, °C/°F	ASTM D92	210/410	212/414
Pour Point, °C/°F	ASTM D5950	-42/-44	-45/-49
Foam Test	ASTM D892	Pass	Pass
Copper Corrosion	ASTM D130	1a	1a
FZG Stage Pass		12	12
Color	ASTM D1500	1.5	1.5

FEATURES AND BENEFITS

DuraMAX SYNTHETIC LIMITED SLIP GEAR OILS are built for severe service applications where conventional mineral-based fluids can fall short in providing adequate protection to critical gear and transmission components:

- Better operating performance and improved fuel mileage than many mineral-based gear oils
- Compatible with typical automotive seals
- Enhanced friction reducing properties
- Synthetic base oil delivers consistent film strength and protects against loss of viscosity
- Exceptional resistance to foam, oxidation and sludge formation
- Increased gear life through extremely high film strength and superior low-temperature
- Outstanding protection against low speed/high torque wear and high-speed scoring
- Excellent demulsibility and shear stability
- Reduced wear and ease of start-up in cold operating conditions



This product is not expected to have any adverse health implications when used for its intended purposes. Always wear protective gloves when handling used oil and dispose of properly. Avoid contact with skin and wash immediately with soap and water should any contact occur. Always follow manufacturers recommendations for fluid viscosity and service category. RelaDyne assumes no responsibility for product misuse or improper application. For a copy of this product's Safety Data Sheet (SDS), visit www.RELADYNE.com Rev (0222-01)

