



SYNTHETIC Premium Gear Oils

Description

Synthetic Gear Oils are extreme pressure synthetic gear oils for use in heavy duty hypoid gears in differentials and, where applicable, manual transmissions found in cars, trucks and heavy equipment. They are designed to outperform conventional petroleum gear oils.

Features/Benefits

- ✓ **Excellent Corrosion Protection**
- ✓ **Foam Inhibitors Enhance Film Strength**
- ✓ **Optimal Seal Compatibility Helps Prevent Leaks and Extends Seal Life**
- ✓ **Shear Stability Enhances Viscosity Retention**
- ✓ **Synthetic Base Oils Improve Oxidation Resistance and Cold Temperature Performance**
- ✓ **Limited-Slip Differential Capable**

Feature	75W-90	80W-90	80W-140
API GL-5/MT-1	X	X	X
SAE J2360	X	X	X
MIL-PRF-2105E	X	X	X
MACK GO-J	X	X	X
Dana SHAES 234	X	X	X
Arvin/Meritor 076-E	X		
Arvin/Meritor 076-D		X	
Arvin/Meritor 076-B			X

Drain Interval Guidance

Cars, SUVs, Light Trucks—Normal Service	Cars, SUVs, Light Trucks—Severe Service	Heavy Duty Class 8 – Line Haul	Vocational, Delivery	Heavy Duty – Off Road
Drain at 100,000 miles of service or according to the owner's manual, whichever is longer.	Drain at 50,000 miles of service or according to the owner's manual, whichever is longer.	Follow the OEM drain interval (miles or hours) up to 250,000 miles or 3 years, whichever comes first.	Follow the OEM drain interval (miles or hours) up to 120,000 miles or 3 years, whichever comes first.	Follow the OEM drain interval (miles or hours) up to 100,000 miles or 3 years, whichever comes first.

Physical, Chemical & Performance Properties

Product Number	100	107	150
Grade	75W-90	80W-90	80W-140
Viscosity @ 100°C, cSt	15.0	15.7	27.0
Viscosity @ 40°C cSt	111.7	130.4	282.6
Viscosity Index	139	125	125
Density, lb/gal	7.291	7.319	7.374
Flash Point, °C (°F)	202 (396)	220 (428)	214 (417)
Fire Point, °C (°F)	216 (421)	230 (446)	230 (446)
Pour Point, °C (°F)	-41 (-42)	-38 (-36)	-34 (-29)
Brookfield Viscosity	127,500 (-40°C)	80,950 (-26°C)	121,000 (-26°C)
Foam Tendency	0/0/0	0/0/0	0/0/0
Copper Corrosion 121°C, 3 hr	1b	1b	1b