



WORLD CLASS LUBRICANTS
FOR TROPICAL CONDITIONS

Gear Oil HD & LSD

GENERAL

Ultra Gear Oils HD & LSD are manufactured using refined hydro-treated base oils which are designed to provide outstanding benefits to cover the type of service encountered in high speed and/or high torque systems such as in hypoid gear units of passenger cars and other automotive gear units. These multi-purpose type lubricants are designed to meet the requirements of the SAE J2360, API GL-5, API MT-1 and MACK GO-J specifications and friction modified to meet the requirements of many limited slip differentials.

These oils incorporate "Clean Gear Technology" additives which keeps gears cleaned for longer intervals leading to improved maintenance and reduced failures.

PERFORMANCE SPECIFICATIONS:

- SAE J2360,
- API MT-1,
- API GL-5,
- Mack GO-J
- Arvin Meritor O76-D (SAE 80W-90),
- Arvin Meritor O76-A (SAE 85W-140),
- Ford WSP-M2C197-A (SAE 80W-90).

MAIN APPLICATIONS:

- Enclosed steel gears operating under load/speed conditions of extreme pressure.
- Automotive medium and low speed spur or helical gear units.
- Developed for car and commercial vehicles fitted with limited slip differentials.
- Spiral bevel and hypoid axle units on highway and off-highway vehicles.

Broad Application Coverage:

- Recommended for Meritor axles assembled in many truck models by International, Freightliner, Volvo, Iveco, Ford and MAN.
- Recommended for Dana axles assembled in many truck models by Kenworth, International, Ford and MAN.

TYPICAL PROPERTIES

	TEST METHOD		
SAE Viscosity Grade		80W 90	85W 140
Kin. Viscosity @ 40°C, cSt	ASTM D445	166.30	355.20
Kin. Viscosity @ 100°C, cSt	ASTM D445	16.25	26.00
Viscosity Index	ASTM D2270	101	97
Specific Gravity @ 60/60°F	ASTM D1298	0.8932	0.9024
Closed Flash Point, °C	ASTM D93	182	190

HEALTH AND SAFETY

Ultra Gear Oils are unlikely to pose any health or safety hazards when used in the recommended applications, provided good standards of personal and industrial hygiene are observed. Please refer to the Material Data Sheet (MSDS) for further information.

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