



MP Gear Lube

Multi-purpose Extreme Pressure Gear Lubricant

General Description

MP Gear Lube is a multi-purpose extreme pressure straight mineral gear lubricant. It is designed to meet the widest range of needs in off-highway and on-highway vehicles in the following industries: trucking, agricultural, construction and industrial equipment.

MP Gear Lube is made from high quality base oils using a modern sulfur-phosphorus additive system that provides excellent extreme pressure (EP) properties, wear resistance, oxidation stability, anti-rust, corrosion and foam protection. This lubricant provides excellent protection against the shock loading of gears and outstanding protection of seals.

MP Gear Lube provides excellent wear protection and contains a friction modifier that allows top-off service for limited slip differentials to prevent stick-slip chatter. Additionally, the uniquely formulated additive package provides superior EP characteristics, which fortify the oil film in highly loaded hypoid differentials and gearbox applications. The supplementary film strength reduces wear and provide longer gear life.

Expect excellent performance in these applications:

- Light truck and automobile differentials
- Agricultural and construction equipment differentials, final drives and planetaries
- Over-the-road truck differentials and non-synchronized manual transmissions
- Industrial gearboxes

Features and Benefits

- **Reduced Wear:** Superior extreme pressure (EP) properties reduce wear in heavily loaded gear sets where hydrodynamic lubrication may not be complete.
- **Oil Durability:** Excellent oxidation stability reduces oil degradation caused by extreme high temperatures and enables prolonged drain intervals.
- **Rust and Corrosion Protection:** Outstanding protection against rust and corrosion ensures the gearbox is protected from contamination.
- **Foam Control:** Superior foam reduction aids in suppressing oxidation and fluid film breakdown.

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Typical Applications

MP Gear Lube is recommended for the following types of equipment:

- API Service GL-5, MT-1
- MIL-PRF-2105E and old D, C, or B
- SAE J-2360
- MACK GO-J, GO-H, GO-G
- Dana
- Eaton
- Meritor/Rockwell O-76D, O-76A
- Limited slip (top off only in cars/light trucks)

Typical Customers

Owners and operators of:

- Automobiles and light trucks
- Agriculture equipment
- Heavy duty truck fleets
- Construction equipment
- Garages and repair shops

Typical Properties

SAE Viscosity Grade	80W-90	85W-140
API Gravity / lbs/gal	27.7 / 7.40	26.0 / 7.48
Viscosity, cSt @ 40°C @ 100°C	152.4 15.1	357.7 26.6
Viscosity Index	99	99
Brookfield cP @ -26 °C cP @ -12 °C	80,000 -	- 52,000
Pour Point, °C / °F	-30 / -22	-24 / -11
Flash Point, °C / °F	210 / 400	225 / 435

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

Health & Safety

A complete safety data sheet is available by calling 1-651-355-8438 or visit cenex.com/sds-library.