

# MP Gear Lube

## General Description

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MP Gear Lube is an extreme pressure gear lubricant for the majority of gear cases. It is designed to meet the widest range of needs in off-highway and on-highway vehicles - including trucking, agricultural, construction and industrial equipment.

MP Gear Lube is made from high quality base oils and an additive system to provide excellent extreme pressure (EP) properties, wear resistance, oxidation stability, anti-rust and anti-corrosion qualities and protection against foaming. This lubricant provides excellent protection against shock loading as well as protection for the sealing materials. Friction modifiers are contained in MP Gear Lube to allow top-off service in limited slip differentials without risk of stick-slip chatter.

In some high load gear box applications, such as a truck differential, the oil film cannot be maintained constantly between the meshing surfaces - this phenomenon is called boundary lubrication. When boundary lubrication occurs, the superior EP additive performance in MP Gear Lube reacts with the surfaces and, in essence, provides a solid film lubrication that reduces wear and provides long gear life.

## Expect superior performance in:

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- Automobile and truck differentials
- Agricultural and construction equipment differentials where the sump is unique to that differential
- Over-the-road truck differentials and some transmissions

## Features and Benefits

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**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 from high temperatures and enables long drain intervals.

**Rust and Corrosion Protection:** Outstanding protection against rust and corrosion assures protection of the gear box materials from contamination.

**Foam Control:** Superior foam reduction aids in reducing oxidation and fluid film break down.

## Typical Application

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MP Gear Lube is recommended for:

- API Service - GL-5
- Many applications for API Service GL-2, 3 & 4
- MIL-L-2105D; E
- MACK GO-H
- EATON
- ROCKWELL
- MERITOR
- Limited slip differentials for service fill applications

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## Typical Customer

Owners and operators of:

- Heavy-duty agricultural equipment with a separate differential reservoir
- Trucks
- Construction equipment
- Light trucks and rear wheel drive automobiles

## Total Protection Plan™ Warranty

MP Gear Lube is backed by the Total Protection Plan warranty program for up to 6 years/6,000 hours on agricultural equipment. See the warranty program for complete details.

## Typical Properties

SAE Viscosity Grade	80W-90	85W-140
API Gravity	27.3	25.7
Viscosity, cSt @ 40°C	141	341
@ 100°C	14.4	26.0
Viscosity Index	100	100
Pour Point, °F	-15	10
Flash Point, °F	400	425

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 material safety data sheet is available upon request. Used oil contains by-products which may be harmful. Avoid prolonged or repeated skin contact. Wash clothing and exposed areas with soap and water. Don't pollute - return used oil to a collection center.