



# MULTIGEAR<sup>®</sup> EP-5

## SAE 80W-90, 85W-140

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### PRODUCT DESCRIPTION

Multigear<sup>®</sup> EP-5 gear lubricants are recommended for use in spiral bevel and hypoid differentials, power dividers, and oil-lubricated steering axle wheel bearings.

### CUSTOMER BENEFITS

Multigear EP-5 delivers value through:

- **Long gear life** — Extreme pressure properties protect hypoid and other types of gears from scuffing and wear.
- **Rust and corrosion protection** — Effective inhibitor package protects against rusting or corrosion of gear and bearing surfaces.
- **Excellent foam inhibition** — Foaming minimized by use of foam inhibitor.
- **Long lubricant life** — Outstanding thermal and oxidation stability allow high temperature operation with long lubricant life.
- **Seal Protection** — Formulated to protect against oil seal deterioration.

### FEATURES

Multigear EP-5 are multipurpose lubricants.

They are made from paraffinic base stocks and contain a carefully balanced additive package to provide gear protection and long lubricant life.

The sulfur-phosphorus extreme pressure additive technology used in Multigear EP-5 provides exceptional thermal and oxidation stability. In addition, this lubricant is fortified with rust and corrosion inhibitors, a foam inhibitor, and a pour point depressant.

The sulfur-phosphorus extreme pressure additives in Multigear EP-5 minimize the spalling and wear of gears by creating a microthin sacrificial film on the surface of the gear teeth which is actually softer than the gears themselves. Frictional heat and pressures between gear teeth cause the sulfur-phosphorus to react with the surfaces of the gear teeth at the point of contact, thus creating the sacrificial film.

The highly refined base stocks and various inhibitors in the additive package help assure a well-balanced lubricant and long gear and bearing life.

### APPLICATIONS

Multigear EP-5 are recommended for use in spiral bevel and hypoid differentials, power dividers, and oil-lubricated steering axle wheel bearings.

Their multiviscosity characteristics allow their use in equipment operating over a broad ambient temperature range. This means good cold flow properties and gear protection.

Multigear EP-5 are approved for **SAE J2360** (formerly known as MIL-PRF-2105E) and meet the requirements of:

- **API Service Categories** MT-1, GL-4 and GL-5
- **Mack** GO-J

Product(s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

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## TYPICAL TEST DATA

SAE Grade	80W-90	85W-140
<i>Product Number</i>	223032	223033
<i>SDS Number</i>	35602	35602
Density at 15.6°C(60°F), kg/L(lb/gal)	0.8856(7.39)	0.8991(7.50)
Viscosity, Kinematic cSt at 40°C cSt at 100°C	145 14.2	341 25.0
Viscosity, Brookfield cP at -12°C cP at -26°C	— 73,000	80,000 —
Viscosity Index	95	95
Flash Point, °C(°F)	218(421)	226(439)
Pour Point, °C(°F)	-33(-27)	-15(+5)

Minor variations in product typical test data are to be expected in normal manufacturing.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.