



# CHEVRON RPM<sup>®</sup> UNIVERSAL GEAR LUBRICANTS

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

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### CUSTOMER BENEFITS

Chevron RPM Universal Gear Lubricants deliver value through:

- **Long gear life** — Extreme pressure properties protect hypoid and other types of gears from scuffing and war.
- **All-weather protection** — Multiple viscosity performance assures proper gear lubrication at both low and high ambient temperatures.
- **Rust and corrosion protection** — Effective inhibitor package protects against rusting or corrosion of gear and bearing surfaces.
- **No foam** — Excessive 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

Chevron RPM Universal Gear Lubricants are multipurpose lubricants.

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

The sulfur-phosphorus extreme pressure additives used in Chevron RPM Universal Gear Lubricants provide superior thermal and oxidation stability.

In addition, this lubricant is fortified with rust and corrosion inhibitors, a foam inhibitor, and a pour point depressant.

It also contains a friction modifier that allows its use as a top-off lubricant in gear cases with limited-slip or positrack differentials.

The sulfur-phosphorus extreme pressure additives in Chevron RPM Universal Gear Lubricants reduce 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 tooth surfaces cause the sulfur-phosphorus to react with the surface 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 assure a well-balanced lubricant and long gear and bearing life.

### APPLICATIONS

Chevron RPM Universal Gear Lubricants are recommended for use in all 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.

Chevron RPM Universal Gear Lubricants:

- meet the performance requirements of **API Service Categories** MT-1, GL-4 and GL-5
- are qualified for **SAE J 2360** (formerly known as MIL-PRF-2105E)
- have **Mack** GO-J approval

## TYPICAL TEST DATA

SAE Grade	80W-90	85W-140
<i>Product Number</i>	225040	225039
<i>MSDS Number</i>	7234	7234
API Gravity	28.0	25.8
Density @ 15.6°C(60°F) kg/l(lb/gal)	0.8871(7.40)	0.8996(7.51)
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	— 118,000	102,000 —
Viscosity Index	95	95
Flash Point, °C(°F)	180(356)	180(356)
Pour Point, °C(°F)	-33(-27)	-15(+5)
Timken OK Load, lb	65	65
Load Weld, ASTM D 2783 Index, kg Point, kg	50 315	50 315

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.