



# CHEVRON GEAR COMPOUNDS EP

## ISO 68, 100, 150, 220, 320, 460, 680, 1000, 1500, 2200

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### CUSTOMER BENEFITS

Chevron Gear Compounds EP deliver value through:

- **High film strength** — Gear teeth are protected from wear, surface distress, and premature failure by effective sulfur-phosphorus extreme pressure additives.
- **High stability** — Minimal degradation even when operating in conditions of oxidation and thermal stress. Gives long life in service.
- **Fast water separation** — Separates quickly from water and resists forming permanent emulsions.
- **Designed for misting systems** — Excellent oxidation stability prevents oil mist deposits.
- **Rust and corrosion inhibited** — Reduces corrosion on either steel or nonferrous metals in gear sets.
- **Improved thermal and oxidation stability** — Prevents degradation under severe operating conditions.

### FEATURES

Chevron Gear Compounds EP are multipurpose gear lubricants.

They provide good thermal stability, extreme pressure protection, antiwear and demulsibility, oxidation, rust, corrosion control and foam inhibition.

Chevron Gear Compounds EP used in misting systems provide excellent oxidation stability to prevent oil mist deposits. They will form a high volume of mist droplets for transmission to the point of application. Chevron Gear Compounds EP have minimal stray mist (fog).

### APPLICATIONS

Chevron Gear Compounds EP are recommended for all industrial enclosed gearing and wherever an AGMA extreme pressure lubricant is specified.

Chevron Gear Compounds EP, in the proper viscosity grade, are recommended for all mist oil application systems.

The same products can also be used in general industrial plant lubrication where the performance properties of this type of lubricant are required.

Chevron Gear Compounds EP meet the requirements of:

- **U.S. Steel** 224 (ISO 68, 100, 150, 200, 320, 460, 680)
- **AGMA** 9005 (ISO 68, 100, 150, 220, 320, 460, 680, 1000, 1500)
- **MAG Cincinnati, Cincinnati Machine** P-63 (ISO 68), P-76 (ISO 100), P-77 (ISO 150), P-74 (ISO 220), P-59 (ISO 320), P-35 (ISO 460)
- **Bijur** oil application equipment (ISO 68, 100, 150, 220, 320, 460)
- **General Motors** LS2 Specification LR for EP gear oils (ISO 150, 220, 320, 460)

For customers wishing to extend drain intervals and further reduce gear wear, and where water contamination is minimal, Chevron Ultra Gear Lubricant is recommended. Chevron Ultra Gear Lubricant can be used in industrial applications where overloading, severe operating conditions, high lubricant operating temperatures, or other problems are encountered. Chevron Ultra Gear Lubricant has been shown to reduce operating temperatures, power consumption/energy requirements, and failure rates in industrial operating environments.

**TYPICAL TEST DATA**

<b>ISO Grade</b>	<b>68</b>	<b>100</b>	<b>150</b>	<b>220</b>	<b>320</b>
<i>Product Number</i>	255059	255066	255068	255070	255072
<i>MSDS Number</i>	7549	7549	7549	7549	7549
AGMA Grade	2 EP	3 EP	4 EP	5 EP	6 EP
API Gravity	31.5	31.3	29.7	27.4	27.3
Viscosity, Kinematic cSt at 40°C cSt at 100°C	64.6 8.6	95.0 11.0	142 14.4	209 18.8	304 23.2
Viscosity, Saybolt SUS at 100°F SUS at 210°F	334 55	495 64	744 77	1102 96	1618 116
Viscosity Index	104	100	100	100	95
Flash Point, °C(°F)	225(437)	225(437)	240(464)	245(473)	245(473)
Pour Point, °C(°F)	-33(-27)	-30(-22)	-30(-22)	-21(-5)	-12(+10)
Timken OK Load, lb	65	65	65	65	65
FZG Pass Stage, ASTM D 5182	12	12	12	12	12

<b>ISO Grade</b>	<b>460</b>	<b>680</b>	<b>1000</b>	<b>1500</b>	<b>2200</b>
<i>Product Number</i>	255073	255074	255067	255069	255071
<i>MSDS Number</i>	7549	7549	7549	7549	7549
AGMA Grade	7 EP	8 EP	8A EP	9 EP	—
API Gravity	26.1	26.0	25.9	25.7	25.5
Viscosity, Kinematic cSt at 40°C cSt at 100°C	437 29.4	646 39.8	950 53.9	1425 74.0	2090 98.3
Viscosity, Saybolt SUS at 100°F SUS at 210°F	2341 144	3467 194	5115 262	7699 359	11,341 477
Viscosity Index	95	100	107	114	119
Flash Point, °C(°F)	245(473)	260(500)	260(500)	260(500)	260(500)
Pour Point, °C(°F)	-12(+10)	-12(+10)	-12(+10)	-12(+10)	-12(+10)
Timken OK Load, lb	65	65	65	65	65
FZG Pass Stage, ASTM D 5182	12	>12	>12	>12	>12

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