



CHEVRON ULTRA GEAR LUBRICANTS

ISO 68, 150, 220, 320, 460, 680

PRODUCT DESCRIPTION

Ultra Gear Lubricants are premium industrial gear lubricants designed for many types of industrial bearings and gears where loads and shock loadings are high.

CUSTOMER BENEFITS

Chevron Ultra Gear Lubricants deliver value through:

- **Minimum wear** — Excellent antiwear properties help assure long life for gears, bearings, and seals.
- **Long lubricant life** — The outstanding thermal and oxidation stability characteristics of Chevron Ultra Gear Lubricants promote long drain intervals which can result in significant lubricant savings.

FEATURES

Chevron Ultra Gear Lubricants are premium grade, industrial gear lubricants.

Chevron Ultra Gear Lubricants are formulated with a unique extreme pressure additive using an inorganic borate compound and help provide outstanding protection against oxidation, corrosion, and rust protection.

These products are ideally suited for gear sets exposed to very high loads.

The inorganic borate film is composed of compounds that do not adversely react with metal. The film forms promptly to help provide exceptional gear protection and optimal thermal stability. By minimizing friction, cooler operating temperatures have been observed. This helps extend the life of the gears as well as the life of the lubricant.

APPLICATIONS

Chevron Ultra Gear Lubricants are designed for many types of industrial bearings and gears where loads and shock loadings are high.

They provide excellent wear control even in the presence of small amounts of water.

Chevron Ultra Gear Lubricants meet the requirements of:

- **ANSI/AGMA** 9005-E02 EP
- **U.S. Steel** 224 (ISO 68 - ISO 460)

Chevron Ultra Gear Lubricants are registered by **NSF** and are acceptable as lubricants where there is no possibility of food contact (H2) in and around food processing areas. The NSF Nonfood Compounds Registration Program is a continuation of the USDA product approval and listing program, which is based on meeting regulatory requirements of appropriate use, ingredient review and labeling verification.

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

ISO Grade	68	150	220	320	460	680
<i>Product Number</i>	250053	250026	250028	250029	250027	250033
<i>MSDS Number</i>	6692	6692	6692	6692	6692	6692
AGMA Grade	2 EP	4 EP	5 EP	6 EP	7 EP	8 EP
API Gravity	30.2	28.6	27.5	26.5	25.8	25.6
Viscosity, Kinematic cSt at 40°C cSt at 100°C	68 8.7	150 14.9	220 19.0	320 24.0	460 30.3	680 40.7
Viscosity, Saybolt SUS at 100°F SUS at 210°F	352 56	786 78	1162 97	1702 119	2463 149	3656 198
Viscosity Index	99	99	97	95	95	99
Flash Point, °C(°F)	230(446)	270(518)	280(536)	280(536)	290(554)	270(518)
Pour Point, °C(°F)	-30(-22)	-30(-22)	-18(0)	-12(+10)	-12(+10)	-12(+10)
Load Weld, ASTM D2783 Index, kg Point, kg	47 250	55 250	56 250	56 250	56 250	61 315
FZG Pass stage	>12	>12	>12	>12	>12	>12

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

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