



Ultra Gear Lubricant

Extreme Pressure Industrial Gear Oil

Product Data Sheet

Customer benefits

- **Minimizes maintenance costs**
Unique borate additive system significantly reduces friction; resulting in lower operating temperatures, reduced wear and longer life of gears, bearings and seals.
- **Minimizes operating costs**
Outstanding thermal and oxidation stability significantly extends oil drain capability in comparison with conventional industrial gear oils, even under extreme service conditions. Special low friction properties contribute to reduced energy consumption.
- **Extends equipment life**
Patented borate EP technology creates an anti-wear film 3 to 5 times thicker than conventional EP additives, providing exceptional protection and longer gear life, even in the presence of small amounts of water.

Applications

- Enclosed industrial gear drives
- Spur, bevel, helical, worm and industrial hypoid gear cases
- Industrial type reduction gearboxes on mining equipment, cement mills, ball and rolling mills, crushers, conveyors, kilns, winches, machine tools and marine equipment
- Chain drives, sprockets, slide guides and flexible couplings
- Plain and rolling element bearings
- For bath, splash, spray or circulation lubrication, as applicable to the grade

Performance Standards

- U.S. Steel 224
- ANSI/AGMA 9005-E02 EP

Product features:

Premium performance, extreme pressure, industrial gear lubricant. Formulated with a unique EP additive system incorporating inorganic borate technology, to provide oil life and wear protection exceeding conventional industrial gear oils under extreme service conditions. Designed primarily for industrial gear lubrication services where loads and shock loadings are high.

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Service considerations

As for all Chevron gear oils based upon inorganic borate technology, the recommended maximum storage life of Ultra Gear Lubricant is 2 years from the date of manufacture. For best results, where containers have been stored for periods greater than 12 months, contents should be agitated (by stirring, rolling etc.) before use.

Product Specifications

ULTRA GEAR LUBRICANT KEY PROPERTIES	RESULTS	
ISO Grade	150	460
Product Code	5210263	510266
AGMA Grade	4 EP	7 EP
Pour Point °C	-30	-12
Viscosity,		
mm ² /s @ 40°C	150	460
mm ² /s @ 100°C	14.9	30.3
Viscosity Index	99	95
Load Wear Index, kg	55	56
FZG Pass Stage	>12	>12

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by Chevron Lubricants; Africa, Middle East and Pakistan.

Environment, Health and Safety Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit www.caltexoils.com.

For more information, go to www.chevronlubricants.com

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