



# Gear Oil LSD

## "Limited Slip" Automotive Gear Oil

Product Data Sheet

### Customer benefits

- **Quiet, shudder-free operation**  
Special friction modifier system provides excellent lubricity characteristics for smooth, non-stick/slip engagement and disengagement of friction elements.
- **Long gear life**  
Effective EP additives control gear tooth wear, even under high torque, low speed and shock loading conditions. Rust and corrosion inhibitors prevent component damage by water of condensation or contamination.

### Applications

- Older Borg Warner limited slip differentials, including those with hypoid gears, as fitted to cars, and light trucks.
- Other limited-slip differentials where oils meeting Borg Warner 5M-31 are specified

### Performance standards

- API GL-5 (self-certified)
- Borg Warner 5M-31 [obsolete] (self-certified)

### Product features:

High performance, EP automotive gear oil specifically designed for "limited slip" rear drive differentials, particularly those of the Borg Warner "cone clutch" design. Its special friction properties provide smooth, noise free operation and extended life of these units.

A **Chevron** company product





## Product specifications

GEAR OIL LSD KEY PROPERTIES	RESULTS
SAE Grade	90
Product Code	510212
Pour Point, °C	-18
Timken OK Load, kg	27
Viscosity,	
mm <sup>2</sup> /s @ 40°C	203
mm <sup>2</sup> /s @ 100°C	18.3
Viscosity Index	99

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.

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](http://www.caltexoils.com).

For more information, go to [www.chevronlubricants.com](http://www.chevronlubricants.com)

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