



GEARAX LS

Premium Performance Gear Lubricants

Product Overview

GEARAX LS series are extra high-performance gear lubricants formulated from selected base oils and an advanced additive system specifically for limited-slip differentials. This lubricant is engineered for performance in heavy-duty limited-slip differentials, axles, and final drives where extreme pressures and shock loading are expected, providing API GL-5 level performance.

The GEARAX LS series are available in SAE 90, 80W-90 and 85W-140.

Benefits

- Excellent frictional properties
- Good thermal stability and resistance to high temperature oxidation
- Outstanding protection against low speed/high torque wear and against high speed scoring
- Excellent rust, staining and corrosion protection
- Effective low temperature lubrication
- Good resistance to foaming
- Compatible with typical automotive seals and gaskets

Applications

- Limited-slip differentials, axles and final drives requiring API GL-5 level performance
- On-highway passenger light and heavy-duty trucks, busses, vans and cars
- Off-highway industries including: construction, quarrying and agriculture
- Other industrial and automotive applications involving hypoid and other gears operating under conditions where high speed/shock load, high speed/low torque, and/or speed/high torque conditions prevail

Health and Safety

This lubricant is unlikely to produce any significant health or safety hazard when used in the application it has been designed for and according to the recommendations provided in the Material Safety Data Sheet. MSDS are available upon request through your sales advisor.

When disposing of used oil, please observe all current regulations and protect the environment.

GEARAX LS SERIES

Meets or exceeds the following industry Specifications

Grade	90	80W-90	85W-140
API GL-5	✓	✓	✓

Typical properties

Test parameters	Method			
Viscosity @ 40 °C, cSt	ASTM D 445	155	150	350
Viscosity @ 100 °C, cSt	ASTM D 445	15.0	14.7	27.0
Viscosity Index	ASTM D 2270	>90	>90	>90
Flash Point, °C	ASTM D 92	>200	>200	>200
Pour Point, °C	ASTM D 97	-27	-27	-12
Density @ 15 °C, Kg/l	ASTM D 1298	0.909	0.899	0.910

Above characteristics are mean values given as information. They do not constitute a specification.