

Mobilube LS 85W-90

Extra High Performance Limited-Slip Gear Lubricant

The Mobil logo, consisting of the word "Mobil" in a blue, sans-serif font, is positioned in the top right corner of the page. A large red curved line arches over the logo from the top edge of the page.

Product Description

Mobilube LS 85W-90 is an extra high performance commercial gear lubricant formulated from select base oils and an advanced additive system specifically for limited-slip differentials. This lubricant is engineered to API GL-5 performance in heavy-duty differentials, axles, and final drives where extreme pressures and shock loading are expected. Today's truck and automotive equipment applications place higher performance demands on drivetrain lubricants. Higher speeds, higher torque, heavier loads, and limited-slip capability require improved formulations to maximise differential life and optimise performance. Longer service intervals place additional demands on the gear lubricant. Mobilube LS 85W-90 gear lubricant is engineered to meet these challenges. It has excellent frictional properties, good thermal stability and resistance to high temperature oxidation, protects against low speed/high torque wear and against high speed scoring, excellent rust, staining and corrosion protection, effective low temperature lubrication, wide multipurpose capability, good resistance to foaming and compatible with typical automotive seals and gaskets.

Specifications

Recommended for use in applications requiring API GL-5, ZF TE-ML 05C/12C/16E.

Benefits/Advantages

- Effective limited-slip performance.
- Extended gear and bearing life due to minimal deposits and longer seal life.
- Increased load carrying capability reducing operating costs.
- Reduced wear and maintenance costs.
- Reduced wear and ease of start-up.
- Reduced number of gear lubricants to simplify inventory and minimise misapplication.
- Maintains film strength for reduced wear.
- Minimum leakage and reduced contamination.

Application

Mobilube LS 85W-90 has limited-slip differentials, axles, and final drives requiring API GL-5 level performance. It is used in on-highway light and heavy-duty trucks, busses and vans, and cars and off-highway industries including: construction, quarrying, and agriculture. It is also used in other industrial and automotive applications involving hypoid and other gears operating under conditions where high speed/shock load, high speed/low torque, and/or low speed/high torque conditions prevail. Mobilube LS 85W-90 gear lubricant is intended for initial fill, top-up, and refill of enclosed automotive type gearing where SAE 85W-90 limited -slip gear lubricants are recommended. It is not intended for transmissions or transaxles for which engine oil or automatic transmission fluids are recommended.



Typical Properties

Mobilube LS 85W-90

SAE Grade	85W-90
Viscosity, cSt at 40°C	153
cSt at 100°C	15.3
Viscosity Index	100
Pour Point, °C	-36
Flash Point, °C	216
Density @ 15°C kg/l	0.899

Health and Safety

Based on available information, this product produces no adverse effects on health when properly handled and used. No special precautions are suggested beyond attention to good personal hygiene, including laundering oil-soaked clothing and washing skin contact areas with soap and water. Additional health and safety information on this product, including Material Safety Data Bulletins is available on request from your local ExxonMobil company.

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