



OPUS LUBRICANTS PRODUCT DATA

LIMITED SLIP 85W/140 GEAR OIL GL5

Description

OPUS Limited Slip 85W/140 is an extra high performance, automotive gear lubricant formulated from select base oils and an advanced additive system specifically for limited-slip differentials. This lubricant is recommended for use in applications requiring API GL-5 performance such as heavy duty differentials, axles, and final drives where extreme pressures and shock loading are expected.

Applications

- Limited Slip differential, axles and final drives requiring API GL5 level performance.
- Passenger cars, on highway light and heavy duty trucks, buses and vans.
- 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 low speed/high torque conditions prevail.
- Initial fill, top up and refill of enclosed automotive type gearing where 85W/140 Limited Slip Gear Lubricants are recommended.
- Not intended for transmissions or transaxles for which engine oil or automatic transmission fluids are recommended.

Performance Levels

OPUS Limited Slip 85W/140 meets or exceeds the requirements of the following industry and builder specifications:

- API GL-5
- ZF TE-ML 05C/12C/16E

Benefits

Today's truck and automotive equipment applications place higher performance demands on drive train 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. OPUS Limited Slip 85W/140 Gear Lubricant is engineered to meet these challenges.

The key benefits include:

- Excellent frictional properties.
- Effective limited-slip performance.
- Good thermal stability and resistance to high temperature oxidation.
- Extended gear and bearing life due to minimal deposits and longer seal life.
- Protects against low speed/high torque wear and against high speed scoring Increased load carrying capability reducing operating costs.
- Excellent rust, staining, and corrosion protection.
- Reduced wear and maintenance costs.
- Effective low temperature lubrication Reduced wear and ease of start-up.
- Good resistance to foaming.
- Maintains film strength for reduced wear.
- Compatible with typical automotive seals and gaskets.
- Minimum leakage and reduced contamination

Typical Data

85W/140

Specific Gravity	@ 15°C	0.904
Kinematic Viscosity	@ 40°C cSt	382.5
	@ 100°C cSt	27.4
Viscosity Index		97
Pour Point °C		-22
Flash Point COC (°C)		204

Revision Date: June 2020

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