



GEAR OIL EP 80W90 GL 5/LS

DESCRIPTION

High performance, multipurpose extreme pressure gear lubricant which combines not only GL5 but also Limited Slip performance. This lubricant is recommended by Lubefusion for use in applications requiring API GL-5/LS performance such as heavy duty differentials, axles, and final drives where extreme pressures and shock loading are expected.

APPLICATION

Manual transmissions, transaxles, planetary hub and other spur gear axles which specifically require EP gear oils meeting API GL 5/LS.

- Limited-slip differentials, axles, and final drives requiring API GL-5 level performance
- Passenger cars, on highway light and heavy duty trucks, busses 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 SAE 90, 80W90 or 85W-90 limited-slip gear lubricants are recommended
- ***Not intended for transmissions or transaxles for which engine oil or automatic transmission fluids are recommended***

PERFORMANCE

Meets or exceeds:

- API GL 5/LS
- MULTIPURPOSE EP OR HYPOID GEAR OIL
- MIL-2105-D
- MB235.1 MB235.5
- MAN 342N

ADVANTAGES

- High performance, EP additive system controls transmission gear tooth wear, excellent load carrying capacity to protect gear equipment against surface stress under heavily loaded conditions.
- GL-5/LS gear oils have been fortified with anti-wear, anti-oxidant, anti-foam, anti-corrosion and extreme pressure additives.
- Low odour sulphurous/phosphorous technology.

FEATURE	ADVANTAGES & BENEFITS
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 PHYSICAL CHARACTERISTICS

Property	Unit	80W90	Method
Density @ 20°C	KG/L	0.9	ASTM D-1298
Viscosity 40°C	cSt	+/-170	ASTM D-445
Viscosity 100°C	cSt	+/-15	ASTM D-445
Viscosity Index (Min)	VI	90	ASTM D2270
Pour Point (Max)	°C	-26	ASTM D93
Flash Point (Min)	°C	220	ASTM D97

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