

## G-Truck LS 80W-90, 85W-90, 85W-140

Limited-Slip Automotive Gear Oils

**G-Truck LS** oils are high performance, automotive lubricant formulated from selected base oils and an advanced additive system specifically for limited-slip differentials. They provide good anti-wear, antirust protection, oxidation and thermal stability as well as required coefficient of friction. G-Truck LS are designed for use in heavy duty limited-slip differentials, axles, and final drives where extreme pressures and shock loading are expected. Meet API GL-5 performance requirements.

### Applications



- Limited-slip differentials, axles, and final drives requiring API GL-5 level performance
- Passenger cars, on-highway passenger 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 where extreme pressures and shock loading are expected

Features	Advantages and Potential Benefits
Advanced formulation	Potential fuel economy improvement
Excellent resistance to high temperature oxidation	Minimal deposits for long gear and bearing life
Outstanding low-temperature fluidity	Easier, smoother shifting, and quicker starts
Excellent load carrying, anti-wear, and extreme pressure performance	Extended transmission life and reduced operating costs
Excellent shear stability	Maintains effective viscosity and film strength during severe operation
Compatible with typical automotive seals and gaskets	Minimum leakage and reduced contamination

### Meet the requirements:

- API GL-5
- ZF TE-ML 05C, 12C, 16E\*, 21C

\* - G-Truck LS 85W-90, 85W-140

### Typical Characteristics

Properties	Method	G-Truck LS 80W-90	G-Truck LS 85W-90	G-Truck LS 85W-140
SAE Viscosity Grade	SAE J306	80W-90	85W-90	85W-140
Kinematic Viscosity @ 40°C, mm <sup>2</sup> /s	ASTM D 445	150,2	175,1	355,4
@ 100°C, mm <sup>2</sup> /s		14,5	15,8	24,6
Viscosity Index	ASTM D 2270	94	91	89
Flash Point (COC), °C	ASTM D 92	220	216	208
Pour Point, °C	ASTM D 97	-27	-25	-24
Density @ 15°C, kg/m <sup>3</sup>	ASTM D 4052	902	907	915

### Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.