



## GIANT GEAR OIL LS90/LS140

Extreme Pressure Multi-Purpose GL5 Limited Slip Gear Oil

### DESCRIPTION

GIANT GEAR OIL LS90/LS140 is an excellent multi-purpose extreme pressure gear lubricant blended with modern anti-wear additives to provide superior protection in both conventional non-limited slip as well as limited slip differentials. It has a high enough co-efficient of friction to ensure a "non-chatter" performance. It is fully tested to meet the requirements of the most important specifications in the gear oil market.

Even under operating conditions with high temperatures, high load & pressure, GIANT GEAR OIL LS90/LS140 consistently out-performs similar conventional gear oils. It is an advanced formulation of limited slip gear oil lubricant not only with GL-4 or GL-5 but also with a combination of both GL-4 & GL-5.

### PERFORMANCE STANDARDS

- API GL-4, GL-5 LS
- API GL-4/5 LS
- ISO 12925-1 CKC
- US Steel 224
- MT-1
- AGMA 252.04
- ISO6743 – 6 CKC
- DIN 51517 Part III

### TYPICAL APPLICATIONS

GIANT GEAR OIL LS90/LS140 is recommended for use in majority of conventional and limited slip differentials, for most passenger cars, 4WD, light commercials, and particularly in hypoids in automotive axles under high-speed and/or low-speed, high-torque conditions. Can be used where a GL-4, GL-5 or a combination of both GL-4 and GL-5 are called for.

### BENEFITS

- Outstanding oxidation and thermal stability
- Extends equipment life and reduces maintenance costs
- Superior load carrying capability in heavy-duty applications
- Smoother power transmission
- Wider operating temperatures
- Maintains clean gear surfaces thus minimizing wear
- Protects against spalling
- Excellent limited slip performance
- Not only GL-4 & GL-5 but also for GL-4/5 LS combinations
- Can be used in both Automotive and Industrial Gear applications
- Low odour

### TYPICAL PROPERTIES

SAE Grade	90	140
Density, kg/Litre @ 15°C	0.878	0.8906
Kinematic Viscosity, cSt @ 40°C	156.5	426.6
Kinematic Viscosity, cSt @ 100°C	15.1	29.8
Viscosity Index	97	99
Pour Point, °C	-27	-23
Flash Point COC, °C	232	>232
Copper Corrosion	1b	1b