



GIANT GEAR OIL 75W-90 GL5

Semi-Synthetic Multi-grade GL5 Automotive Gear Oil

DESCRIPTION

GIANT GEAR OIL 75W90 GL5 is an excellent multi-purpose premium quality gear lubricant blended to meet the multi-grade viscosity requirements described in SAE J306 standards. Formulated with highly refined semi-synthetic base oils, it is a shear stable lubricant that maintains its viscometric properties throughout its useful life. It imparts extreme pressure (EP) properties on automotive gears, which may be operating under the most severe conditions. Specially selected additives also provide anti-weld, anti-scuff, anti-wear protections necessary in heavy-duty gear lubricants.

Even under operating conditions with high temperatures, GIANT GEAR OIL 75W90 GL5 consistently out-performs similar conventional automotive gear oils. The EP additives provide superior protection of the gear teeth against spalling, which occurs when flakes of metals break away from the tip of a gear tooth after repeated stress.

PERFORMANCE STANDARDS

- API GL-5 LS
- API GL-4/5 LS
- SAE J2360
- ISO 12925-1 CKC
- US Steel 224
- MACK GO-J
- MT-1
- AGMA 252.04
- ISO6743 – 6 CKC
- DIN 51517 Part III

TYPICAL APPLICATIONS

GIANT GEAR OIL 75W90 GL5 offers improved cold start lubrication over traditional 80W90 fluids and may be used where 75W85, 80W90 and 75W90 GL5 fluids are called for. It provides excellent oxidation stability that resists oil degradation and thickening during long periods of high temperature operations. It is designed for the most severe service conditions encountered in passenger cars, trucks, farm tractors, earthmoving, construction and other heavy-duty machinery. GIANT GEAR OIL 75W90 GL5 can be applied in the lubrication of hypoid, spur, bevel, helical, spiral-bevel and worm gears in differentials, transmissions, final drives, transfer cases and steering mechanisms. It can be used where Limited Slip performances are required. Applicable to both Automotive and Industrial usage.

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
- 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	75W90
Density, kg/Litre @ 15°C	0.865
Kinematic Viscosity, cSt @ 40°C	109
Kinematic Viscosity, cSt @ 100°C	15
Viscosity Index	125
Pour Point, °C	-27
Flash Point COC, °C	232
Copper Corrosion	1b

Typical physical and chemical characteristics do not constitute as specifications. GIANT reserves the right to amend and change the information herein without notification as a result of continual product research and development.