



Racing Gear Oil

75W-90

Application

Shell Helix Racing Gear Oil 75W-90 is a synthetic gear oil designed to provide optimum protection under extreme load conditions, whilst maintaining high efficiency. Shell Helix Racing Gear Oil 75W-90 is used both on and off track in synchronised and non-synchronised manual gearboxes, and in rear axles. It is specifically designed for transaxles.

Specifications

Shell Helix Racing Gear Oil 75W-90 fulfils the requirements of API GL-4, API GL-5 and MIL-L-2105 D.

Physical Characteristics

Viscosity Grade		SAE 75W-90
Kinematic Viscosity	@ 40°C	81 mm ² /s
	@ 100°C	14.9 mm ² /s
Viscosity Index		194
Dynamic Viscosity	@ -40°C	35,000 mPas
Density	@ 15°C	876 kg/m ³
Flash Point	COC	206°C
Pour Point		-48°C
Steel Corrosion	DIN ISO7120A	0

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

Characteristics

- Reduced friction and energy loss.
- Increased efficiency.
- Lower gear wear.
- Good high temperature performance.
- Good low temperature shift performance.
- Low foaming at high revs.
- Protects synchro rings against corrosion.
- Compatible with common seal materials.

Health, Safety and the Environment

Shell Helix Racing Gear Oil 75W-90 is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

For further guidance on Product Health and Safety refer to the appropriate Shell Product Safety Data Sheet.

Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

