

QATOL GEARMAX GEAR OIL SAE 85W90 API (GL-5)

Multi-purpose gear oil for synchronized and non-synchronized manual gearboxes as well as auxiliary drives, axles and differentials in commercial vehicles and passenger cars



QATOL GEARMAX GEAR OIL SAE 85W90 Automotive Gear Oil GL-5 is a multipurpose, extreme-pressure, API GL-5 automotive gear lubricant specifically designed for use in select manual transmissions and in drive axles with spiral bevel gears or with hypoid gears operating under moderate speeds and loads. Automotive Gear Oil GL-5 is formulated to provide long service life and excellent gear protection in automotive differentials operating under varying conditions of speed, load, temperature and torque. The carefully balanced formulation is designed to minimize oxidative sludge and varnish formation, reduce wear, prevent scoring damage, and protect against metal fatigue and spalling damage under moderate load conditions. It also is suitable for heavy-duty commercial manual transmissions and transaxles where the OEM specifies an API GL-5 quality oil.

APPLICATIONS:

Service fill of conventional differentials in passenger cars and trucks with spiral bevel gears, or with hypoid gears operating under moderate loads.

Service fill of differentials, final drives and transfer cases in some off-highway equipment

Manual transmissions in trucks, buses and heavy equipment where the manufacturer specifies an API GL-5 gear oil.

FEATURES AND BENEFITS:

Good gear life — Extreme pressure properties protect hypoid and other types of gears from scuffing and wear.

Rust and corrosion protection — Effective inhibitor package protects against rusting or corrosion of gear and bearing surfaces.

Market general performance — Acceptable thermal and oxidation stability allows for appropriate gear protection in non-critical operations

Good lubricant life — Outstanding thermal and oxidation stability allow high temperature operation with long lubricant life.

Seal Protection — Formulated to protect against oil seal deterioration.

SPECIFICATIONS:

API GL-5, ZF TE-ML 12M.

KEY PROPERTIES:

Properties	TEST METHOD	Typical Values	UNIT
Density @ 35 °C	ASTM D 4052	0.89	g/ml
Kinematic Viscosity @ 100°C	ASTM D 445	16	mm ² /s
Viscosity Index	ASTM D 2270	95	-
Flash Point, CoC	ASTM D 92	>210	°C
Pour Point	ASTM D 97	-33	°C
Brookfield @ - 12°C	ASTM D 2983	<150000	cP

HAZARDS

This oil used as recommended and for the application for which it has been designed does not present any particular health & environmental risk.

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to Material Safety Data Sheet.

PACKING

Available Packages: 1000L,208L,60L,20L, 4L, 5L