

Gear Oils



PETROGULF AUTOMOTIVE GEAR OILS

Product Data Sheet

PETROGULF Gear lubricants are premium, automotive gear oils formulated from high quality base oils and a balanced additive system. These lubricants protect heavy duty axles and final drives where extreme pressures and shock loading are expected. They provide reliable service through chemical and thermal stability at elevated bulk oil temperatures. These are hypoid gear oils containing extreme pressure antioxidant, antirust and antifoam additives ensuring long services life. These are designed to meet the demands of heavy-duty applications where high torque, heavy loads and shock loads occur. These are recommended for all hypoid, spiral bevel and worm gear transmission systems of cars, buses and trucks, needing EP type of lubrication.

FEATURES

- Effectively blended basestock and additive systems provide protection of gearboxes and final drive components under tough operating conditions.
- Excellent oxidation stability that extends gear and bearing life
- Good protection at low speed/high torque
- Excellent rust and corrosion protection
- Effective low temperature lubrication

APPLICATIONS

- Heavy duty axles and final drives
- Passenger cars, on highway light and heavy duty trucks, busses and vans
- Off highway industries including: construction, mining, quarrying, and agriculture
- Other heavy duty industrial and automotive applications involving hypoid gears operating under conditions where high speed/shock load, high speed/low torque, and/or low speed/high torque prevail

SPECIFICATION AND APPROVALS

- API Service Classification GL-1

TYPICAL PHYSICAL CHARACTERISTICS

PetroGulf Automotive Gear Oils			
SAE Grade	90	140	250
Kinematic Viscosity (ASTM D-445)			
@ 40°C cSt	180	460-490	1100-1150
@ 100°C cSt	16.5-18.5	28-32	45.5-49.5
Viscosity Index (ASTM D-2270)	95	95	90
Flash Point COC (ASTM D-92) °C	258	268	270
Pour Point (ASTM D-97) °C	-9	-9	-6
Density @ 15°C (ASTM D-1298) kg/l	0.890	0.895	0.930

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

HEALTH, SAFETY, & ENVIRONMENT

- ✚ Guidance on Health and Safety are available on the appropriate Material Safety data Sheet which can be obtained from our representative.
- ✚ All lubricants of any kind should be handled with great care, particularly avoiding any contact with skin. Prevent any splashing, and keep away from combustible material. Store under cover and away from risk of pollution.



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