

Gear Oils



PETROGULF GEARLUBE EP & MP OILS

Product Data Sheet

PETROGULF Gear Lube EP & MP Oils are superior quality gear oils for automotive use meeting the stringent requirements of hypoid, bevel and spiral gear units, axles and final drives operating under severe conditions and over a wide range of temperatures. These oils are blended from high quality paraffin base oils and fortified with extreme pressure additives. These oils meet the requirements of automotive manufacturers for cars, vans, commercial vehicles and lubrication of industrial closed gears where EP types gear oil is referred and API GL-4 lubricants are suitable.

FEATURES

- Especially selected additives impart good anti-wear, antirust characteristics & oxidation stability.
- Protects gears against wear and scuffing.
- Long storage and thermal stability.
- Effective anti-corrosion, low foam properties.
- Protects against corrosion and ferrous and non-ferrous components.

PERFORMANCE LEVELS

- API GL-4
- US MIL-L-2105

TYPICAL CHARACTERISTICS

PETROGULF Gearlube EP & MP					
SAE Grade	90	140	80w90	85w90	85w140
Specific Gravity, 15°C	0.898	0.906	0.892	0.902	0.908
Flash Point (COC) °C	225	240	210	210	220
Timken OK Load, kg	24	24	24	24	24
Viscosity					
@ 40°C cSt	212.8	480.8	148.8	200.4	80.8
@ 100°C cSt	17.5-18.6	28-32	14.5	17-18	28-30
Viscosity Index	97	95	97	97	95
Max Temperature for Viscosity of 150,000 cP, °C	-	-	-26	-12	-12
Foam Tendency/Stability					
Sequence I 24°C	20/0	20/0	20/0	20/0	20/0
Sequence II 93°C	50/0	50/0	50/0	50/0	50/0
Sequence III 24°C	20/0	20/0	20/0	20/0	20/0
Copper Strip Corrosion, D 130	2A	2A	2A	2A	2A
Total Acid No., mg KOH/gm	0.45	0.45	0.45	0.45	0.45
Pour Point, °C	-20	-15	-24	-21	-15

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

HANDLING, HEALTH, & SAFETY

- ⚠ Lubricant presents no particular toxic hazard. 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 materials. Store under cover below 60°C, and keep away from any risk of pollution. Dispose off used oil correctly, don't pour down drains, into water courses or the soil.
- ⚠ Take used oil to an authorized collection point.
- ⚠ Guidance on health and safety are available on the appropriate MSDS that can be obtained from our representative.



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