

DESCRIPTION

Petrogulf PAG GEARSHIELD PRO EP Gear Oil (Poly Alkaline Glycol) specially formulated for all types of gears, particularly worm gears. Fortified with special gear oil additives with good oxidation stability and load carrying properties. It is expected to reduce sludge and deposit formation. Combination of naturally high VI base stocks and additive technology provides excellent protection against scuffing.

APPLICATIONS

- Bearing and circulation system where high temperatures are encountered.
- Heavy-duty marine enclose gears such as bow thruster and purifier.
- Provides energy saving due to inbuilt friction modifying characteristics
- Industrial enclosed gear boxes operating under severe conditions like high load, extreme temperatures and wide temperature ranges.

Note: incompatible with most mineral and PAO gear oils. End user is expected to follow OEMs requirements

PERFORMANCE LEVELS

DIN 51517 Part 3 (Group CLP)

David Brown

NF-ISO 6743-6 (CKS/CKT category)

TYPICAL CHARACTERISTICS

PROPERTIES	TYPICAL VALUES							
ISO Grade	68	100	150	220	320	460	680	1000
Kinematic Viscosity @40°C, mm ² /s	68.5	100.8	150.2	218.2	320.2	460	700	1000
Kinematic Viscosity @100°C, mm ² /s	13	17.5	26	37	51	75	104	162
Viscosity Index	>175	>180	>190	>200	>210	>220	>230	>250
Density @ 15°C Kg/L	1.002	1.003	1.002	1.004	1.005	1.005	1.007	1.007
Pour Point, °C	-45	-42	-39	-30	-35	-30	-30	<-30
Flash Point (COC), °C	215	220	220	230	220	230	220	>250
FZG Test, DIN 51534, Fail Stage	>12	>12	>12	>12	>12	>12	>12	>12
FZG A/8.3/90, stage	>12	>12	>12	>12	>12	>12	>12	>12
Copper Corrosion@100 °C 3hrs	1A	1A	1A	1A	1A	1A	1A	1A
Rust Test	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

*These characteristics are typical of current production. Whilst future production will conform to Petrogulf specification, variations in these Characteristics may occur. The oil drain interval as specified by the engine manufacturer should be adhered to, particularly where indirect fuel Injection is used.

ISO GRADE	68	100	150	220	320
PRODUCT CODE	30439000800	30439001000	30439001100	30439001200	30439001300
	460	680	1000		
	30439001400	30439001500	30439001600		

Handling, Health and Safety

- In normal conditions of use, this 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 and away from any risk of pollution. Dispose off the used oil correctly; don't pour down drains, into watercourses or the soil.
- PetroGulf will not accept liability if the product is used other than in manner or with the precautions, or for the purpose specified. Before the product is used other than directed advice should be obtained from PetroGulf local office.