

Petrosyn Gearlube PG

Petrosyn Gearlube PG series is a synthetic, polyalkylene glycol (PAG) based Gear lubricant that exhibits high performance under demanding operating conditions when compared with other synthetic and mineral gear oils. This oil is not compatible with mineral oils.

It is specifically developed for heavy duty industrial gear lubricant offering outstanding lubrication performance and load carrying capacity under severe operating conditions including shock loading. With the addition of a high performance additive package, these products are able to offer excellent thermal stability, high wear reduction rates, high micro pitting resistance and load carrying ability as well as good corrosion protection.

BENEFITS

- Incorporates a proprietary additive package designed to provide EP/anti-wear protection, corrosion and rust protection
- Provides excellent lubricity and low traction to decrease gearbox friction
- Outstanding thermal and oxidation stability.
- Eliminate sludges and carbonaceous residues.
- Eliminates motor overloading during start-up.
- Outstanding load carrying capability and micro-pitting performance protects gears against scuffing and wear leading to enhanced equipment life and reduced maintenance costs.
- High viscosity index base stocks, which provide excellent low temperature fluidity and effective lubrication over a wide temperature range.
- Superior thermo-oxidative stability provides enhanced system cleanliness and enables longer.
- Low traction and enhanced lubricity helps provide extra energy efficiency.
- Good seal and paint compatibility with a wide variety of seals and paints.

PERFORMANCE LEVEL

Petromin PETROSYN GEARLUBE PG meets or exceeds the requirements of:

- DIN 51517-3
- David Brown Type G Lubricant
- FKENDER BA T 7300 A + B



PRODUCT DATA SHEET

APPLICATIONS

PetroSyn Gearlube PG series is a versatile gear lubricant for use as industrial gearbox Oil and related application in following gears:

- Helical
- Bevel Helical
- Planetary
- Worm Gears

Heavy-duty industrial enclosed gear boxes operating under severe conditions like high load, extreme temperatures and wide temperature ranges. Filled for life systems, Bearing and circulation systems where high temperatures are encountered, it is suitable for remotely located gearboxes, where oil change-out is difficult.

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE			TEST METHOD
ISO Grade	-	220	320	460	DIN 51511
AGMA Lubricant Number	-	5 EP	6 EP	7 EP	-
Density @ 15 °C	Kg/Ltr	1.057	1.058	1.067	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	227.0	310.0	477.0	ASTM D-445
Viscosity @ 100 °C	mm ² /s	41.9	55.8	83.0	ASTM D-445
Viscosity Index	-	240	247	259	ASTM D-2270
Flash Point, COC	°C	282	283	284	ASTM D-92
Pour Point	°C	-42	-39	-36	ASTM D-97
FZG Test, A/8, 3/90	FLS	12	12	12	DIN 51354-2
Rust Test	-	Pass	Pass	Pass	ASTM D-665
Copper Strip Corrosion Test	-	1a	1a	1a	ASTM D-130
Product Code		XXXX	XXXX	XXXX	

*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

