

Gear Oil PG Series

Long Life Synthetic Gear Oils

Benefits :

- **Synthetic Gear Oil PG series** are a fully synthetic polyglycol (PG) base gear oils.
- Resist mechanical shear and damage on working parts due to thermal changes.
- Low co-efficient of friction, have excellent anti wear and anti ageing properties.
- Oils are neutral to ferrous and non ferrous material.
- Highly stable at elevated temperatures with no foaming & carbonization.
- Good resistance to oxidation.
- Excellent viscosity index.

Applications :

- For lubrication of worm gears plain and roller bearings, circulating systems, gears brakes, etc.
- Industries include Steel, Heavy Engineering, Textile, Paper, Cement, Gear Box Manufacturers and many others.

Characteristics	Test Method	Unit	150	220	320	460	680
Appearance	Visual	–	Clear Oil	Clear Oil	Clear Oil	Clear Oil	Clear Oil
Colour	Visual	-	Pale Yellow	Pale Yellow	Pale Yellow	Pale Yellow	Pale Yellow
Density @ 27°C [typ.]	*CTM	gms/cc	1 ± 0.1	1 ± 0.1	1 ± 0.1	1 ± 0.1	1 ± 0.1
Viscosity at 40°C	ASTM D-445	cSt	135–165	195–240	290–350	420–500	610–750
Viscosity Index	ASTM D-2270	-	190	195	200	210	250
Pour Point,	ASTM D-97	°C	- 40	- 38	- 35	- 32	- 30
Copper Strip Corrosion	ASTM D-130	-	1a	1a	1a	1a	1a
Four Ball Wear Scar	ASTM D-2266	mm	0.45	0.42	0.43	0.40	0.40
FZG A 8.3/90, Stage	-	-	12	12	12	12	12
Peak temperature capability	-	°C	+ 200	+ 200	+ 200	+ 200	+ 200

*CTM=Corporate Test Method

Caution : Gear Oil PG does not mix with any other oil apart from polyglycol based oils.
Clean parts thoroughly removing traces of any other previous oil before introduction of **Gear Oil PG**.

MSDS available on request.

Due to continual upgradation of products above data is subject to change without notice
This supersedes our previously issued data sheets.

[REV.3 / 01.01.14]

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