

GEAR-PLUS PAO GEN 680

INDUSTRIAL GEAR OILS

321203401



SYNTHETIC GEAR AND BEARING FLUIDS

The range of lubricants offered are specifically designed for gear applications that operate under extreme conditions. These lubricants utilize PAO synthetic base stocks to deliver superior performance compared to conventional mineral oils. They are fully compatible with mineral-based products, ensuring a seamless transition. The lubricants offer exceptional load-carrying ability, outstanding wear and rust protection, high viscosity index, high flash point, low pour point, excellent oxidative stability, and help maintain cleaner systems. This product is suitable for gear applications that operate under extreme service conditions, including applications that experience both high and low temperatures.

CATEGORY

- Gear Oils

BENEFITS

- Excellent oxidation and thermal stability
- High operating temperature range
- Lower maintenance cost
- Energy reduction up to 3%
- Improves cleanliness
- Extended lubricant life
- Compatibility with most common paints, gaskets and seals
- Good compatibility with mineral based lubricants

PROPERTY

PROPERTY	METHOD	VALUE
Viscosity @ 40 °C, mm ² /s	ASTM D445	680
Viscosity @ 100 °C, mm ² /s	ASTM D445	52
Viscosity index	ASTM D2270	140
Flash point, °C	ASTM D92	240
Pour point, °C	ASTM D97	<-18
FZG	DIN 51 354	12+
FAG FE-8, bearing wear test, mg, roller wear	DIN 51 819-3	1
4-ball weld load, kg	ASTM D2783	250
4-ball scar diameter, 20Kg 1800rpm, mm	ASTM D2266	0.3

All data on this technical data sheet is indicative only

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