GEARTOP PAO 68

Product code: 261202801

Synthetic gear and bearing fluids

This product is particularly suited to gear applications operating under extreme conditions. The product is formulated with PAO synthetic base stocks in order to provide performance superior to conventional mineral oils. Furthermore, these are fully compatible with mineral products and guarantee a smooth change over. The product provides significantly improved load carrying ability, excellent wear and rust protection, high viscosity index, high flash point, low pour point, outstanding oxidative stability and cleaner systems.

Gear applications operating in extreme service conditions and applications where extreme temperatures (both high & low) occur.

Benefits & Advantages

- 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

Seal compatibility

SRE-NBR seal test (DIN 53538-3)

- Volume change: 1%,
- Hardness change: -1 pts,
- Rupture elongation: -2%,
- Tensile strength change: 4%

Typical Performance Data

Property	Test Method	Value
Viscosity @ 40 °C, mm²/s (cSt)	ASTM D445	68
Viscosity @ 100 °C, mm²/s (cSt)	ASTM D445	11
Viscosity Index	ASTM D2270	>140
Flash point, °C	ASTM D92	>260
Pour point, °C	ASTM D97	<-50
FZG	DIN 51354	12+
FAG FE-8, bearing wear test, mg, roller wear	DIN 51819-3	1
4-ball weld load, kg	ASTM D2783	250
4-ball scar diameter, 20 kg, 1800 rpm, mm	ASTM D2260	0.3

All performance data on this Technical Data Sheet are indicative only and can vary during production.

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