



MAKER SYNTHETIC THOR 100

Description

Ester-based synthetic fluid, with additives that give it excellent resistance to oxidisation and great thermal and chemical stability. Its low freezing point and anticorrosive capacity are notable characteristics.

The product is recommended for lubricating alternative compressors in severe working conditions, for rotary compressors such as the blade type and screws where the fluid allows ample oil change periods. The characteristics of the product enable it to be used in vacuum pumps working in large vacuums and inert gas compressors.

Properties

- Strong resistance to oxidation.
- Longer intervals between draining.
- Great thermal and chemical stability.
- Reduced deposits of varnish and sludge.
- Low pour point.
- High anticorrosive capacity.

Quality levels, approvals and recommendations

- MacGregor (HATLAPA, PORSGRUNN, PUSNES)*
- SPERRE: X-Range Compressors*
- DIN: 51506 VDL
- ISO: 6743/3 DAB, DAJ, DGE, DVE

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE
ISO Viscosity Grade			100
Density at 15 °C	g/cm ³	ASTM D4052	0.961
Viscosity at 40 °C	cSt	ASTM D445	96
Viscosity at 100 °C	cSt	ASTM D445	10.22
Viscosity index	-	ASTM D2270	85
Pour point	°C	ASTM D97	-33
Flash point, open cup	°C	ASTM D92	274
Rust resistance, method A	°C	ASTM D665	Pass
Conradson carbon, after Pnerop Test	%	DIN 51352/2	0.26
4B wear test (1h/40 kg), scar	mm	ASTM D4172	0.48

The above mentioned characteristics are typical values and should not be considered product specifications.