repsol lubricants

Turbines & Compressors Oil

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

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

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE
ISO Viscosity Grade			100
Density at 15 ºC	g/cm3	ASTM D4052	0.961
Kinematic viscosity at 40 ºC	cSt	ASTM D445	96
Kinematic viscosity at 100 ºC	cSt	ASTM D445	10.22
Viscosity index	-	ASTM D2270	85
Flash point, open cup	ºC	ASTM D92	274
Pour point	ºC	ASTM D97	-33
4 Ball wear, print diameter (40 kg)	mm	ASTM D2266	0.48
Conradson carbon, after Pnerop Test	%	DIN 51352/2	0.26
Rust, method A	-	ASTM D665	Pass

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