



SYNTHETIC OIL SF100X

PAO based high performance food grade vacuum pump and compressor lubricant

Description

Thanks to the latest formulation technologies which includes esters and specially designed additive packages, Synthetic Oil SF100X is a non-toxic synthetic oil food grade, developed for all types of compressors and mechanical vacuum pumps used in the food, beverage, and pharmaceutical industries.

Synthetic Oil SF100X offers enhanced performance in extremely demanding applications showing excellent wear protection, immediate air release and separation of water and other condensates. The polarity of the fluid builds up a permanent lubricating film during cold start up and even under extreme operating conditions at increased operating temperatures. The deterging and dispersing properties of the lubricant prevent of deposits, sludge or lacquer and varnish formation. Moreover, deposits and residues of previously used lubricants will be removed thoroughly and quickly. Vane sticking and chatter marks will be avoided. The machines run colder due to better heat transfer characteristics. Better thermal, chemical and oxidation stability allow longer lubricant lifetime and thus longer drain intervals.

Synthetic Oil SF100X helps to reduce operating cost.

Applications

Synthetic Oil SF100X is suitable for all types of compressors and vacuum pumps designed to operate in applications where ISO 100 oil viscosities are used. For optimum results, it is important to purge the system of the previous oil prior to changing over to Synthetic Oil SF100X.

Benefits

- Low friction coefficient provides excellent lubrication and reduces wear
- Increased lifetime
- Compatible with system components
- Reduced oil consumption
- Will reduce varnish and lacquering
- Fully synthetic oil provides extremely wide temperature, chemical and oxidation stability ensuring greatly extended servicing intervals
- High degree of demulsification provides greater lubrication efficiency
- Low foaming reduces residue, varnish, and scum build-up, so reducing maintenance cost
- Lubricating fluid for vacuum pumps



TECHNICAL DATA SHEET

Typical performance data

	Test method	SF100X
Appearance		Transparant
Base oil type		PAO
Viscosity @ 40 °C, cSt	ASTM D445	100
Viscosity @ 100 °C, cSt	ASTM D445	13.9
Viscosity Index		>140
Density @ 20 °C	ASTM D4052	0.845
Flash point, °C	ASTM D92	>265
Pour point, °C	ASTM D97	<-50
TAN, mgKOH/gr	ASTM D664	<0.1
4 ball wear test, 1200 rpm @ 75°C, 40 kg, 1hr; mm	ASTM D4172	0.45
Foam Seq 1, tendency ml	ASTM D892	Nil
Demulsibility @ 54°C, min	ASTM D1401	40/38/2 (<30)
NSF registration	-	Complies
Kosher approved	-	Complies
Halal approved	-	Complies

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

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