

# FOODMAX AIR PAO 100

Product code: 263301001

## PAO based high performance food grade compressor and vacuum pump lubricant

Foodmax Air PAO 100 is a food grade, non-toxic synthetic oil developed for all types of compressors and vacuum pumps used in the food, beverage and pharmaceutical industries.

This product offers enhanced performance in extremely demanding applications and shows excellent results in protection against wear and readily separates from water and air hence the fluid's ability to always keep a lubricating film even under the most challenging circumstances. Thanks to the latest available technology incorporating ester oil, the fluid offers increased protection from internal wear and sludge formation whereas it will clean from the inside and dissolve any formation from pump components. This same technology provides better heat control and minimizes oxidization by keeping the fluid in a better condition offering a longer lifetime of the lubricant. Foodmax Air PAO 100 also possesses enhanced water separating ability to prevent from lubricant failure and increased oxidative stability into longer drain intervals and less tendency to lacquering.

Particularly suitable for use in rotary screw compressors. For optimum results, it is important to purge the system of the previous oil prior to recharging with this product.

## Benefits & Advantages

- Low friction coefficient provides excellent lubrication and reduces wear
- Low friction coefficient provides lower energy consumption and reduced carbon footprint
- Increased lifetime of equipment
- Compatible with most system components
- Reduced oil consumption
- Will reduce varnish and lacquering
- Fully synthetic oil provides extremely wide temperature 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

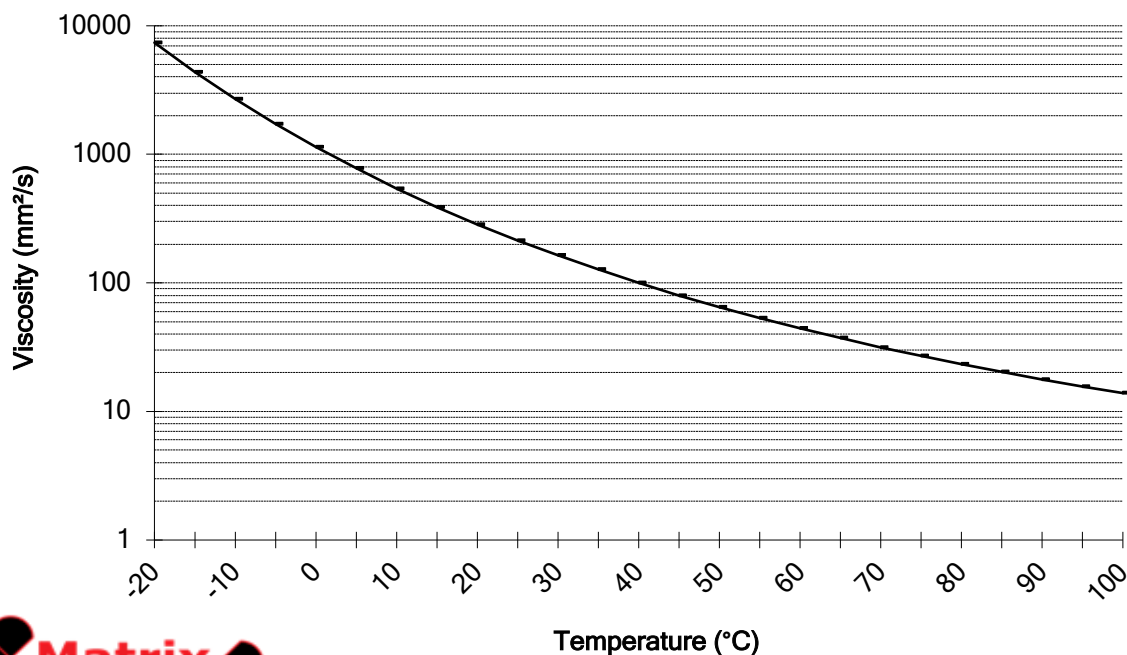
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## Typical Performance Data



Typical	Test Method	Value
Appearance		Transparent
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, ml oil/ml water/ml emulsion (min)	ASTM D1401	40/38/2 (<30)
NSF registration	-	149070
Kosher approved	-	Yes
Halal approved	-	Yes



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