

# FOOD-PLUS COMP TOP 100

FOODGRADE & BIODEGRADABLE COMPRESSOR OILS

323301001



## PAO BASED HIGH PERFORMANCE FOOD GRADE COMPRESSOR LUBRICANT

This product is a non-toxic synthetic oil designed for use in compressors and vacuum pumps used in the food, beverage, and pharmaceutical industries. It is formulated with the latest ester oil technology to provide superior protection against wear and sludge formation, as well as better heat control and oxidation resistance. This product readily separates from water and air, ensuring a consistent lubricating film even in challenging conditions. Its enhanced water-separating ability prevents lubricant failure and prolongs drain intervals, reducing the tendency to lacquering. This product is specifically recommended for rotary screw compressors. To achieve maximum efficiency, it is essential to flush the system of any previous oil before refilling with this lubricant.

## CATEGORY

- Compressor- and Vacuum pump Fluids

## BENEFITS

- 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

PROPERTY	METHOD	VALUE
Appearance	Visual	Transparent
Base oil type		PAO
Viscosity @ 40 °C, mm <sup>2</sup> /s	ASTM D445	100
Viscosity @ 100 °C, mm <sup>2</sup> /s	ASTM D445	13,9
Viscosity index	ASTM D2270	>140
Density @ 20 °C, kg/dm <sup>3</sup>	ASTM D4052	0,845
Flash point, °C	ASTM D92	>265
Pour point, °C	ASTM D97	<-50
TAN, mg KOH/g	ASTM D664	<0.1
4 ball wear test, 1200 rpm @ 75°C, 40 kg, 1hr; mm	ASTM D4172	0.45
Foam Seq I, tendency, ml	ASTM D892	Nil
Demulsibility @ 54 °C	ASTM D1401	40/38/2
ml oil/ml water/ml emulsion (min)	ASTM D1401	(<30)

All data on this technical data sheet is indicative only

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