

FOOD-PLUS COMP TOP 68

FOODGRADE COMPRESSOR OILS

323300901



PAO BASED HIGH PERFORMANCE FOOD GRADE COMPRESSOR LUBRICANT

FOOD-PLUS COMP TOP 68 is a synthetic oil developed for all types of compressors and vacuum pumps used in the food, beverage, and pharmaceutical industries. This food-grade, non-toxic product offers superior performance in demanding applications and provides excellent protection against wear. The fluid readily separates from water and air, ensuring that it always maintains a lubricating film, even in challenging circumstances. Thanks to the latest technology incorporating ester oil, the fluid offers increased protection against internal wear and sludge formation. It can clean pump components from the inside and dissolve any buildup. This same technology provides better heat control, minimizes oxidation, and keeps the fluid in better condition, resulting in a longer lifetime of the lubricant. FOOD-PLUS COMP TOP 68 also possesses an enhanced ability to separate water, which prevents lubricant failure, and increases oxidative stability, allowing for longer drain intervals and reducing the tendency to lacquer. This product is especially

well-suited for utilization in rotary screw compressors. To achieve the best outcomes, it is essential to completely remove the prior oil from the system before refilling it with this product.

PROPERTY	METHOD	VALUE
Appearance	Visual	Transparent
Base oil type		PAO
Viscosity @ 40 °C, mm ² /s	ASTM D445	68
Viscosity @ 100 °C, mm ² /s	ASTM D445	10.4
Viscosity index	ASTM D2270	>141
Density @ 20 °C, kg/dm ³	ASTM D4052	0.840
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 1, tendency, ml	ASTM D892	Nil
Demulsibility @ 54 °C	ASTM D1401	40/40/0
ml oil/ml water/ml emulsion (min)	ASTM D1401	(<30)
NSF registration		149069
Kosher approved		Yes
Halal approved		Yes

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

