

FOOD-PLUS COMP TOP 46

FOODGRADE COMPRESSOR OILS

323300801



PAO BASED HIGH PERFORMANCE FOOD GRADE COMPRESSOR LUBRICANT

FOOD-PLUS COMP TOP 46 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. It readily separates from water and air, maintaining a lubricating film even under the most challenging circumstances. Incorporating the latest technology, including ester oil, FOOD-PLUS COMP TOP 46 offers increased protection from internal wear and sludge formation. It also cleans from the inside and dissolves any buildup from pump components. This same technology provides better heat control and minimizes oxidation, keeping the fluid in better condition and extending the lifetime of the lubricant. FOOD-PLUS COMP TOP 46 also has enhanced water separating ability to prevent lubricant failure and increased oxidative stability, leading to longer drain intervals and reduced tendency to lacquering. This product is especially well-

suitable for rotary screw compressors. To achieve the best outcome, it's crucial to remove the previous 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	46
Viscosity @ 100 °C, mm ² /s	ASTM D445	7.85
Viscosity index	ASTM D2270	>141
Density @ 20 °C, kg/dm ³	ASTM D4052	0.835
Flash point, °C	ASTM D92	>260
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		149068
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

