

# FOOD-PLUS BIO COMP 32

FOODGRADE COMPRESSOR OILS

323301301



## SYNTHETIC BIODEGRADABLE COMPRESSOR AND VACUUM PUMP LUBRICANT – FOOD GRADE

The combination of top-quality synthetic base fluids and carefully crafted additive systems makes this product highly effective in machinery that operates under severe conditions and requires a food grade and/or eco-friendly lubricant at this ISO viscosity grade. Furthermore, the product is specifically designed for use in the food and beverage industries where incidental contact with lubricants may occur.

## CATEGORY

- Compressor- and Vacuum pump Fluids

## BENEFITS

- Low toxicity
- Ready biodegradable (OECD 301B) and virtually non-toxic. These products are an excellent choice where leakage or spillage could enter environmentally sensitive areas.
- Food grade, complies with FDA 21 CFR Title 21, 178.3570 H-1.
- Good rust and corrosion protection.
- Superb low-temperature capabilities and high viscosity index allow a wide operating temperature range.
- Increased resistance to varnish, carbon and acid formation, providing better protection and longer service life, especially during extreme and/or hot operating conditions.
- Excellent film strength resulting in exceptional equipment performance that not only results in fewer breakdowns but helps improve production capacity.
- Separates readily from water.
- Reduced energy consumption.
- High flash & auto ignition points
- Low pour point.
- Very low volatility, lower evaporation loss for good vacuum performance.
- Reduced maintenance with very long drain intervals.
- Excellent foam control, reducing heat, oxidation and wear. High contact regions are protected against wear for increased vacuum pump and compressor life and efficiency.
- For vacuum applications down to 10-1 mbar

## PROPERTY

PROPERTY	METHOD	VALUE
ISO Viscosity Grade	ASTM D2422	32
Viscosity @ 100 °C, mm <sup>2</sup> /s	ASTM D445	6.3
Viscosity @ 40 °C, mm <sup>2</sup> /s	ASTM D445	33
Viscosity index	ASTM D2270	141
Pour point, °C	ASTM D97	-45
Flash point C.O.C, °C	ASTM D92	255
Density @ 15 °C, kg/dm <sup>3</sup>	ASTM D1298	0.96
Halal approved		yes
Kosher approved		yes
NSF registration		pending

All data on this technical data sheet is indicative only

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