

FOOD-PLUS BIO COMP 150

FOODGRADE COMPRESSOR OILS

323301701



SYNTHETIC BIODEGRADABLE FOOD GRADE COMPRESSOR AND VACUUM PUMP LUBRICANT

This particular product is composed of top-quality synthetic base fluids and specially engineered additive systems. It has been proven successful in machinery that demands this ISO viscosity grade and operates under harsh conditions, where a food grade and/or environmentally friendly lubricant is essential. Additionally, these products are tailored for use in the food and beverage industries, where accidental contact with lubricants may arise.

PROPERTY

PROPERTY	METHOD	VALUE
ISO Viscosity Grade	ASTM D2422	150
Viscosity @ 100 °C, mm ² /s	ASTM D445	18,6
Viscosity @ 40 °C, mm ² /s	ASTM D445	150
Viscosity index	ASTM D2270	140
Pour point, °C	ASTM D97	-33
Flash point C.O.C, °C	ASTM D92	265
Density @ 15 °C, kg/dm ³	ASTM D1298	0,99
Halal approved		yes
Kosher approved		yes
NSF registration		pending

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

All data on this technical data sheet is indicative only

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