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AEROFLON ENGINEERS PVT. LTD.

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AERO FOODGRADE (US FDA APPROVED) LONG-LIFE FOOD GRADE COMPRESSOR OIL

Applications:

AERO FOODGRADE is a fully synthetic compressor oil formulated from the highest quality polyalphaolefin (PAO) base oils with a superior proprietary additive package to achieve long life. The long life compressor lubricant provides significantly improved wear, oxidation and lubricity over the currently available H-1 food grade synthetic oils allowing the service life to increase by 50% to 100%. AERO FOODGRADE is designed for rotary screw compressors and gives a service life up to 8,000 service hours in good operating conditions.

Typical Industrial Applications:

- Rotary Screw Compressors
- Rotary Vane Compressors
- Reciprocating Compressors
- Centrifugal Compressors
- Vacuum Pumps
- Meat Processing Plants
- Poultry Processing Plants
- Food Processing (NSF H-1)

Performance Benefits

- Outstanding wear and lubricity properties
- Less varnished formation
- Low pour point & high flash point
- Good corrosion protection
- Increase oxidative stability
- Excellent compatibility with elastomers, seals, plastics, and paints
- Meets FDA 21 CFR 178.3570 H-1
- Deemed acceptable for use in Canada

Typical Properties	Methods	Value
ISO Grade	ASTM D2422	46
Viscosity @ 40 degrees C	ASTM D445	42.0
Viscosity @ 100 degrees C	ASTM D445	7.6
Viscosity Index	ASTM D2270	150
Flash Point degrees C/F	ASTM D92	261/501
Pour Point degrees C/F	ASTM D97	-50/-58
RPVOT, min	ASTM D2272	3210
Foaming Sequences I, II, III	ASTM D892	0/0/0
Four Ball Wear, 40 kg, 1200 RPM, 75 degrees C, 1 hr., Scar Diameter, mm	ASTM D1472	0.38
Specific Gravity	ASTM D1298	0.85