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AEROFLON ENGINEERS PVT. LTD.

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SIGMA COMPRESSOR OIL

PAO-BASED COMPRESSOR LUBRICANTS

Applications:

The Sigma PAO-based oil is fully synthetic compressor oil that is formulated with the highest quality polyalphaolefin (PAO) base fluids. These 100% premium synthetic oils are used where maximum seal, paint, and plastic compatibility is required.

These are designed for rotary screw applications and offer a service life of up to 8,000 hours under a wide range of temperatures under good operating conditions.

Typical Industrial Applications:

- Rotary Screw Compressors
- Rotary Vane Compressors
- Centrifugal Compressors
- Vacuum Pumps

Performance Benefits

- Outstanding thermal oxidative stability
- Very low pour point
- Wide operating temperature range
- Non-detergent and ashless
- Extended drain intervals / reduced oil disposal
- Excellent vapour pressure characteristics
- USDA H-2 authorized

Typical Properties	Methods	Value
ISO Grade	ASTM D2422	46
Viscosity @ 40 degrees C	ASTM D445	48
Viscosity @ 100 degrees C	ASTM D445	7.9
Viscosity Index	ASTM D2270	134
Flash Point degrees C/F	ASTM D92	251/483
Pour Point degrees C/F	ASTM D97	-51/-60
Copper Corrosion	ASTM D130	1b, shiny
Foaming Sequences I, II, III	ASTM D892	Nil
Demulsibility	ASTM D1401	40-40-0(10)
Four Ball Wear, 40 kg, 1200 RPM, 75 degrees C, 1 hr., Scar Diameter, mm	ASTM D1472	0.43
Specific Gravity	ASTM D1298	0.86