

Lubricus® AIRMAX 1046

Air Compressor Lubricant

Description

Lubricus® Airmax 1046 is a fully formulated polyalphaolefin (PAO) based synthetic high performance compressor lubricant. Its primary use is in rotary screw air compression applications. **Lubricus® Airmax 1046** is ashless and is formulated with an advanced additive system to prevent corrosion in critical areas of the compressor system and inhibit oxidation of the lubricant basefluid. The product displays outstanding thermal, oxidative, and hydrolytic stability in demanding applications that require extended drain intervals and performance. **Lubricus® Airmax 1046** is demulsible, has an extremely low pour point and stable viscosity to increase effectiveness in application where high and low temperature extremes are encountered. **Lubricus® Airmax 1046** meets or exceeds DIN 51506

VDL and ISO 6743-3 L-DAJ specifications.

Applications

- Rotary screw air compressors
- Centrifugal compressors
- Applications requiring rust and oxidation (R&O) inhibited lubricants

Features	Potential Benefit
Extremely low water content	▪ Maximum bearing life ▪ Minimal solid formation ▪ Better oil flow and less wear at start up ▪ Wide operating temperature range ▪ Maximum bearing, cooler and equipment life ▪ Minimal vapor phase oil ▪ carryover to downstream equipment ▪ Longer oil life ▪ Longer filter life ▪ Minimize maintenance costs
Ashless formulation	
High viscosity index and low pour point	
Rust and Corrosion protection	
Demulsible	
Excellent thermal and oxidative stability	

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Typical Properties

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Viscometer@40°C	44.1	ASTM D445
Viscosity@100°C	87.7	ASTM D445
Viscosity Index	145	ASTM D2270
Specific Gravity@20°C	0.846	ASTM D1298
Flash Point, °C	265	ASTM D93
Pour Point, °C	-42	ASTM D5950
Foaming Tendency	Nil	ASTM D892
Copper Corrosion, , 250 hr.,210°F	1b	ASTM D130
Demulsibility	40/40/0 < 30 min	DIN 51599 ASTM D-1401
New Fluid ISO Cleanliness	14/13/12	ISO 4406
Rust		
Fresh Water Corrosion	Pass	ASTM D-665A
Salt Water Corrosion	Pass	ASTM D-665B
Rotary Pressure Vessel Oxidation (RPVOT), min	2293	ASTM 2272
Cincinnati Milacron Oxidation, 135°C, 7 Days		
▪ Viscosity Change, %	1.06	ASTM D-2070
▪ Acid Number Change	0.14	

Notice: Physical Properties are typical of those obtained with normal production tolerances and do not constitute specifications.

Available Pack Size

In 19L pail & 208L drum.

HEALTH & SAFETY

This product when used for the purpose recommended is unlikely to present any significant health hazards. A Safety Data Sheet is available. Indicated data are approximate values and are subject to the usual commercial fluctuations. All information correct at time of going to press to the best of our knowledge. This information may be subject to change without notification due to continual product research and development.