

SYNTH ROTARY AC OIL

SCREW AIR COMPRESSOR OIL

DESCRIPTION

SYNTH ROTARY AC OIL is fully synthetic compressor oil blended with di-esters and selected additives, including specific inhibitors added to extend life and to improve their ability to protect against corrosion. These lubricants can be used for severe duty, multistage compressors that provide outstanding deposit control and long lubricant life. SYNTH ROTARY AC OIL is available in six different grades and also provides excellent air separation and possesses low foaming tendencies. It offers an extended service life in rotary screw compressor (up to 6,000 hours) and greatly reduced deposits in both single and multi- stage reciprocating air compressors.

APPLICATIONS

- High-severity rotary and reciprocating air compressors, especially effective in multi-stage units where there has been a history of excessive oil deposits, whether in large or small cylinders with high or low pressure.
- Rotary air compressors where the operating temperature range is between -40 °C and 110°C.
- Reciprocating air compressors where the operating temperature range is between -35 °C and 200°C (or up to 220°C for short periods).
- SYNTH ROTARY AC OIL is recommended for use in rotary screw compressors (ISO 32, 46 and 68) and reciprocating compressors (ISO 100, 150 and 220).

ADVANTAGES & BENEFITS

- Excellent oxidation and high temperature stability compared with conventional mineral oil-based products.
- Excellent heat conduction properties reduce the system operating temperature.
- Excellent low temperature start-up with rapid fluid circulation in broad temperature range.
- Increased service intervals between cleaning of valves, parts and inter-coolers and extended oil drain intervals (min 3,000 to max 6,000 hours). Minimizes deposit formation.
- Excellent separation from air and minimum foaming tendency in critical high temperature areas.
- High autogenous ignition temperatures and flash points, reduces fire and explosion risk.
- Not compatible with mineral oils so as to decrease the properties of Synth Air Compressor oil series products.

Typical Properties

ISO Grade	32	46	68	100	150	200
Appearance	C & B					
Density @15°C	0.872	0.872	0.878	0.882	0.889	0.890
Viscosity of base oil @100°C	5.8	7.7-8.5	9.7-10.5	12.8	15.7	19.6
Viscosity of base oil @40°C	30-34	44-48	66-70	98-102	148-152	218-222
Viscosity Index	142	148	149	153	158	162
Flash point	218	240	248	260	264	255
Pour point	-55	-52	-50	-48	-45	-35
Water Stability in mins	10					
Copper Strip Corrosion	1A					
Rust Test	Pass					
Foaming characteristics, Sequence-I, after 10 min Settling Time	0/0			10/0		
Water separability, time to 40- 37-3 @54°C, min	5	4.1	2.1	8	3.5	3

The values above are typical values. They do not constitute any contractual commitment.

Sales specifications are available on request. The present technical data sheet replaces all the previous edition.

Available Packs : 20 Ltr , 210 Ltr

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request through our website www.slkkruizer.com

Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet.

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