

## SYNTH COMP-46 & 68 (F.S.)

### DESCRIPTION & APPLICATIONS

Synth Comp Oils are supreme performance advanced synthetic air compressor lubricants primarily intended for the lubrication of severe duty rotary screw and vane air compressors. They are particularly suited for severe applications subjected to oil flooded/oil injected, single or two-stage compressors, operating at pressures of in excess of 25 bar and with air discharge temperatures of over 100°C and potential to deliver oil maintenance intervals of up to 12,000 hours. They are also suitable to cover applications where a synthetic bearing & circulating oil or R&O oil (ISO VG 32-68) is required and will provide benefits due to increased resistance to deposit formation, improved low temperature fluidity, and lowering equipment operating temperatures. Synth Comp Oils are primarily for rotary screw and vane air compressor, very effective in screw type compressors with oil injection cooling and Compressors operating under severe conditions, particularly effective for continuous high temperature operation with discharge temperatures up to 200°C.

### PERFORMANCE BENIFITS

- Outstanding thermal / oxidation stability.
- Exceptional resistance to rusting and corrosion, very good anti-wear, demulsibility, foam control and air release and multi-metal compatibility.
- Excellent water separability & reduce sludge formation in crankcases and discharge lines & reduce sludge formation in crankcases and discharge lines.
- Resist formation of deposits on rotating components in screw compressors and in sliding vane slots.
- Provide rapid air release without excessive foaming & oil top-up requirements.

## Typical Properties

Properties	Test Method	46	68
ISO Viscosity Grade	ISO 3448	46	68
Kinematic Viscosity @40°C, cSt.	ASTM D445	44 - 48	66 - 70
Kinematic Viscosity @100°C, cSt.	ASTM D445	7.7 - 8.5	9.7 - 10.5
Viscosity Index, Min.	ASTM D2270	140	135
Flash Point, (COC), °C, Min.	ASTM D92	240	240
Pour Point, °C.	ASTM D97	-40	-39
Water Separability, MINS	ASTM D1401	10	10
Copper Strip Corrosion @100°C	ASTM D4048	1B	1B

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.

### 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](http://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.

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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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**SLK ENTERPRISES**

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