

ScrewGuard Rotair Plus oil for maximum performance and protection

Screw Guard ROTAIR Plus lubricants are formulated to truly protect your rotatory screw compressors. It guarantees long lifetime with outstanding performance and the best operating cost.

Effective lubrication is vital to numerous parts of the compression process and only a high quality and specially designed lubricant can offer the reliability and efficiency you expect.

The range of our rotatory screw compressor lubricants boasts your equipment for oil drain intervals of 4000 hours within high duty operation conditions.

Keep firm grip on maintenance and repair costs by only using the ROTAIR Plus approved lubricants and you can rest assured that it will keep the heart of your machine beating at peak performance and trouble free running hours.



Features

Benefits

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| Superior anti-wear and corrosion protection | Oxidation resistance, high chemical stability and rust inhibiting additives help reduce corrosion, even during compressor standstill. High water contamination resistance. | ROTAIR Plus provides wear protection under extreme conditions. |
| Optimum internal surface cleanness | ROTAIR Plus contains high quality antioxidants to control deposits, sludge and contaminants. | The detergent additives of ROTAIR Plus protect filters and valves against the effects of sludge forming particles. Extended lifetime of the oil separator. |
| Demulsifying properties | High ability of the lubricant to separate from water, important during the lubricant cooling phase. | Protects against corrosion and maintains the lubricant properties for longer period. |
| Low foaming tendency | Air release properties make sure the air is efficiently separated from the lubricant without foaming. | The anti-foam characteristics eliminate the risk of cavitation. Low oil carry-over reduces contaminations. |
| Quality lubricant additives | The ScrewGuard ROTAIR Plus bases have been enriched with carefully selected additives to meet our strictest criteria and to match our tested components. | The inappropriate balance of additives in the oil compromises the internal parts of the equipment and leads to unpredictable high maintenance costs. |

Characteristics

Appearance

Colorless to light brown

| Performance | Method | Unit | Value |
|-------------------|-------------|--------------------|-------|
| Density at 15°C | ASTM D 1298 | kg/dm ³ | 0,874 |
| Viscosity at 40°C | ASTM D 445 | mm ² /s | 46 |
| Viscosity index | ASTM D 2270 | | 102 |
| Foam stability | ASTM D 892 | ml sec I/II/III | <10/0 |
| Total acid number | ATSM D 974 | mg KOH/g | 0,10 |
| Pour point | ASTM D 97 | °C | -33 |

These characteristics are typical of current production. Whilst future production will conform to ALUP variations in these characteristics may occur. Complies with ISO 6743 /3 /1A class L-DAH

ID Card – Rotair Plus

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|---------------|---|
| Name | ScrewGuard Rotair Plus |
| Oil type | Mineral based lubricant |
| Equipment | Single stage rotatory screw compressors |
| Environment | Ambient temperature range 0°C to 35°C |
| Capacity (ID) | 5L plastic can. Ask for 1630144405 20L plastic can. 1630144420 209L metal drum. 1630144429 1000L container. 1630144410 |



Subject to alteration without prior notice.

