

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
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 lubricants provide wear protection under extreme conditions.
Internal surface cleanness	ROTAIR Plus contains high quality antioxidants to control deposits, sludge and contaminants	ROTAIR Plus detergent additives keep sludge forming particles in a fine suspension instead of allowing them to clog the oil filter and accumulate in the valve/rocker cover area. 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	Good 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 Screw Guard ROTAIR Plus basis oil have been enriched with carefully selected additives to meet our strictest criteria and to match our tested components.	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	0,870
Viscosity at 40°C	ASTM D 445	mm ² /s	55
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 Chicago Pneumatic variations in these characteristics may occur. Complies with ISO 6743 /3 /1A class L-DAH

ID Card – Rotair Plus

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.