

Technical specifications



SCREWGUARD COMPRESSOR COOLANTS

	SCREWGUARD ROTAIR	SCREWGUARD ROTAIR Plus	SCREWGUARD ROTAIR Xtra
Type	Engineered mineral oil with selected additives	Engineered mineral oil with special additive package	Synthetic oil with additives
Drain interval	2,000 hours or 1 year (*)	4,000 hours or 1 year (*)	8,000 hours or 2 years (*)
Operating conditions	Normal conditions	Normal conditions	High temperature and humidity
	Normal drain interval	Long drain interval	Extended drain interval
Order number 5 L (1.32 gal)	6215714000	6215714400	6215714800
Order number 20 L (5.28 gal)	6215714100	6215714500	6215714900
Order number 209 L (55.21 gal)	6215714200	6215714600	6215715000

(*) Whichever comes first in normal conditions.

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Chicago Pneumatic

SCREWGUARD ROTAIR



Your dealer:



Genuine engineered coolant for screw compressors

Engineered to perform, designed to protect

Effective lubrication is vital to numerous parts of the compression process. To protect your investment, only high-quality, genuine lubricants offer the reliability and efficiency you need. The ScrewGuard ROTAIR engineered coolant has passed rigorous testing and meets your needs

for any compressor set-up, in any operating conditions. Approved for use on our complete compressor range, they allow you to reduce maintenance costs, extend your compressor's lifetime, and maximize its efficiency. The end result is increased profitability.

ScrewGuard ROTAIR: coolant you can trust

1 The assurance you need

ScrewGuard ROTAIR is the only lubricant that is approved and tested to meet the specific, severe quality requirements of your compressor element. Our lubricants have been thoroughly tested to allow you to obtain the highest level of protection, extending the compressor components' lifetime and keeping your cost of ownership to an absolute minimum. The use of our lubricants ensures reliable operation and will not limit any warranty on your investment.

2 A firm grip on costs

Clean internal elements and long-lasting components provide increased efficiency and lower the cost of operation. Our lubricants keep your compressor's internal elements clean, by avoiding the formation of deposits and controlling external contaminations. In addition, they reduce oil carry-over and prevent the filters from getting clogged, which extends the lifetime of your oil separator, oil filter and compressed air filters.

3 Anti-corrosion capabilities

To prevent corrosion, our lubricants form a chemical bond with metal surfaces, which not only eliminates the risk of rusting - even during compressor standstill but also enables the compressor to resist water contamination.

4 Maximum performance

Designed to match your compressor's operating conditions, the ScrewGuard ROTAIR coolant with high thermal conductivity maximizes performance. As the excellent air release reduces foaming, recompression of compressed air is avoided. You can rest assured that ScrewGuard ROTAIR will keep the heart of your machine beating at peak performance.

5 Reliable protection

We don't compromise quality. ScrewGuard ROTAIR acts as structural materials and protects surfaces. It ensures efficient lubrication and correct viscosity across the whole operating range of temperatures and humidity. Even after long standstill periods of the compressor, the lubricant allows for a smooth start. The anti-foam characteristics eliminate the risk of cavitation. The ScrewGuard ROTAIR lubricant is fully compatible with our complete range of compressors

The ScrewGuard ROTAIR base has been enriched with carefully selected additives to meet our strict test criteria and to match our tested components.



Original spare parts

Risks you can avoid

The use of poorly performing lubricants can cause irreversible damage to your equipment and substantial increase maintenance and repair costs.

The consequences of poorly performing lubricants can be:

- Wear of components, increased friction, cavitation.
- Reduced critical clearance.
- Limited operation range.
- Reduced cooling and overheated bearings, compression elements and/or components.
- Corrosion.
- Wrong pH, damage to parts, seals and internal elements.
- Varnish layer on internal parts (coolers, piping...)
- Low performance, higher energy consumption, higher costs.
- Deposits.
- High, unpredictable maintenance cost.
- Clogging of oil filter, separator and downstream air filters.

