



Optimized Lubrication for Rotary Screw Compressors

ROTOJET 46 S is a premium mineral-based lubricant engineered to ensure the reliable operation and peak efficiency of your rotary screw compressor. Designed for superior protection, it safeguards rotors, bearings, and gears while delivering exceptional performance with optimal cost-effectiveness.

This lubricant is formulated by blending top-tier base oils with a specialized additive system, resulting in extended maintenance intervals and delivering the lowest total cost of ownership for your operations. Reliable lubrication is essential throughout the compression process, and only a high-performance, purpose-built fluid can provide the durability and efficiency your equipment demands.

ROTOJET 46 S is ideally suited for compressors operating up to 4,000 hours annually, even under moderate to demanding conditions. It ensures dependable performance and consistent operation throughout the year.

Take full control of your maintenance and repair expenses by choosing ROTOJET 46 S. This lubricant ensures your compressor’s core components operate at peak efficiency, delivering reliable, uninterrupted performance you can count on.

Properties	Features	Benefits
	Anti-wear and corrosion protection The additive blend helps protect moving parts by improving oxidation resistance, ensuring proper lubrication, and reducing the risk of rust.	ROTOJET 46 S helps protect all rotating parts in the compressor. Its good water separability keeps moisture out of the oil circuit, helping to prevent corrosion on metal surfaces.
	Low oil consumption and volatility The high-quality base oil is formulated with fewer volatile components, helping to reduce oil loss during operation.	Lower oil carry-over means less oil consumption and helps maintain a cleaner, higher-quality product.
	Oxidation resistance ROTOJET 46 S includes quality antioxidants that help prolong the lubricant’s lifespan.	Better resistance to oxidation helps extend the life of the oil , as well as key components like the oil filter and oil separator.
	Low foaming tendency Helps separate air from the oil efficiently, minimizing the risk of foaming.	Less foaming improves system efficiency and helps maintain the performance of other consumables.
	Quality lubricant additives The base oil is enhanced with selected additives to meet strict quality standards and ensure compatibility with tested components.	Using ROTOJET 46 S helps protect internal compressor parts, which can lead to lower maintenance costs .



Product Specification Sheet

ROTOJET 46 S

Characteristics

Appearance: Transparent to light yellow

Performance	Method	Unit	Value
Density at 15°C	ASTM D 1298	Kg/dm ³	0,86
Viscosity at 40°C	ASTM D 445	mm ² /s	46
Viscosity index	ASTM D 2270	-	105
Foam stability	ASTM D 892	ml sec I/II/III	<10/0
Water Separability	ASTM D 1401	-	15
Pour point	ASTM D 97	°C	-24

These characteristics are typical of current production. Whilst future production will conform to variations in these characteristics may occur. Complies with DIN 51506 & ISO/DP 6521.

Oil ID Card	
Name	ROTOJET 46 S
Oil type	Mineral based lubricant
Machines	Oil-injected rotary screw compressors
Environment	Ambient temperature range 0°C to 35°C Mild to demanding conditions

Volumes available 20L

- Low Ash and Carbon Formation.
- Effective Rust and Corrosion Protection.
- Excellent Oxidation and Thermal Stability.
- Excellent Water Separation and Demulsibility.

Health and Safety

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling, and disposal. The conditions or methods of handling, storage, use and disposal of the products are beyond our reasonable control – we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

