

Rotoguard

Rotoguard is a premium quality air compressor oil designed to deliver high performance lubrication of rotary sliding vane and screw air compressors. It uses an **advanced additive system** to provide excellent protection and performance for compressors running at up to 20 bar and 100°C discharge temperatures with oil maintenance intervals of up to 6000 hours.

KEY FEATURES

- Advanced additive system
- Long life
- Improved Efficiency

1. PRODUCT IDENTIFICATION

Partnumbers:




3004088080– 5L
3004087415– 20L
3004088128– 209L

2. PRODUCT COMPATIBILITY

KAESER	COMPAIR	BOGE	ALMIG	GARDNER DENVER
MOL SIGMA FLUID / M-460	Fluid Force 4000 / SCWO4000	3000 PLUS / 3000 HTPLUS	Geralyn SF46	AEON 2000 / AEON 4000

3. APPLICATIONS

<p>Performance, Features & Benefits</p>	<p>Long oil life – Maintenance saving · Rotoguard is capable of providing oil maintenance intervals of up to 6000 hours (where allowed by manufacturers) even when operating at maximum discharge temperatures of up to 100°C. It is formulated to help:</p> <ul style="list-style-type: none"> • Resist formation of carbon deposits in sliding vane slots in vane compressors • Resist formation of deposits on rotating components in screw compressors
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	<ul style="list-style-type: none"> Resist thermal breakdown and deposit formation to maintain excellent internal surface cleanliness particularly in oil/air separator and coalescer systems. Exact oil maintenance interval will depend on intake air quality, duty cycle and ambient conditions. For hot and humid type climates as found in the Asian and Pacific regions, a reduced oil drain period is recommended (consult OEM recommendations) <p>Outstanding wear protection With many years of successful application, Rotoguard helps provide effective protection of internal metal surfaces from corrosion and wear. It contains an advanced ashless anti-wear system to help prolong the life of critical parts such as bearings and gears.</p> <p>Maintaining system efficiency Air release and prevention of foaming are critical performance characteristics in a compressor oil, ensuring reliable start-up and continuous compressed air availability. Rotoguard is designed to provide rapid air release without excessive foaming to give trouble-free operation even under cycling conditions. In addition, Rotoguard has excellent water separation properties to help ensure continuous efficient operation of the compressor even in the presence of water.</p>
<p>Main Applications</p>	<div style="display: flex; justify-content: space-around; align-items: center;">    </div> <p>Rotary sliding vane air compressors Rotoguard is suitable for oil-flooded or oil-injected vane compressors, operating at pressures of up to 10 bar and with air discharge temperatures of up to 100°C.</p> <p>Screw air compressors Suitable for oil flooded or oil injected, single or two-stage rotary compressors, operating at pressures of up to 20 bar and with air discharge temperatures of up to 100°C</p>
<p>Specifications, Approvals & Recommendations</p>	<p>ISO 6743-3A-DAJ For a full listing of equipment approvals and recommendations, please consult the OEM Approvals website.</p>
<p>Health, Safety & Environment</p>	<p>Health and Safety Rotoguard oil is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are</p>

	<p>maintained. Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.</p> <p>Guidance on Health and Safety is available in the Material Safety Data Sheet, which can be downloaded here: https://www.edmac.eu/lubricants/rotary-screw-oil/torque-elect-400-iso46-20l-3004010009.html</p>
	<p>Protect the Environment</p> <p>Take used oil to an authorised collection point. Do not discharge into drains, soil or water. Consult the MSDS for more information.</p>

4. TYPICAL PROPERTIES

TYPICAL PROPERTIES	TEST METHOD	Torque Excellent PAG Fluid
ISO Grade	ISO 3448	46
Viscosity mm ² /s @ 40°C	D445	46
Viscosity mm ² /s @ 100°C	D445	6,9
Density kg/m ³ @ 15°C	D1298	868
Flash Point, °C	D92	230
Air Release, mins	D3427	3
RPVOT, mins	D2272	700
FZG Test, LS Fall	CEC-L-07-A-95	11
Pour Point, °C	D97	-30
Water Separability, mins @54°C	D1401	15