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LOBE EXCELLENT ISO 220

ROTARY LOBE BLOWER OIL

Edmac Lobe Excellent ISO 220 is a premium quality air compressor oil designed to deliver high performance lubrication of screw air compressors. It uses an advanced additive system providing outstanding and balanced performance in demanding applications at high and low temperatures. These products are resistant to mechanical shear, even in heavily loaded gear and high shear bearing applications, so that there is virtually no loss of viscosity.

Product Details

	3004801151 (5L),
Part Numbers	3004801152 (20L),
	3004801153 (209L)

Product Compatibility

Kaeser	Omega Oil / SB-220
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Features

Long oil life – Maintenance saving	<p>Edmac LOBE EXCELLENT extends your equipment high temperature operating capability. It maintains viscosity and film thickness at high temperatures. 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 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)• Increases equipment longevity and protection; reduces unplanned downtime and lengthens servicing intervals
Outstanding wear protection	<p>Edmac Lobe Excellent provides effective protection of internal metal surfaces from corrosion and wear. The low traction coefficient helps minimize the effects of micro slip in rolling contact bearings to potentially extend life of your machine.</p>
Maintaining system efficiency	<p>Air release and prevention of foaming are critical performance characteristics in a compressor oil, ensuring reliable start-up and continuous compressed air availability. Edmac Lobe Excellent is</p>



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designed to provide rapid air release without excessive foaming to give trouble-free operation even under cycling conditions. In addition, Edmac Lobe Excellent has excellent water separation properties to help ensure continuous efficient operation of the compressor even in the presence of water.

**Specifications,
Approvals &
Recommendations**

Health and Safety

Edmac Lobe Excellent 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 maintained. Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available in the Material Safety Data Sheet, which can be downloaded here: <https://edmaceurope.box.com/s/nc1msgydo8lalc32cfeazfxojrk1xrg>

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water. Consult the MSDS for more information.



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Typical Properties

Features	Method	Lobe Excellent ISO 220
ISO Grade	ISO 3448	220
Viscosity mm ² /s @ 40°C	ASTM D445	220
Viscosity mm ² /s @ 100°C	ASTM D445	28.5
Density kg/m ³ @ 15°C	ASTM D1298	854
Flash Point , °C	ASTM D92	210
RPVOT , mins	ASTM D2272	2500
FZG Test , LS Fall	CEC-L-07-A-95	13+
Pour Point , °C	D97	-36°C
Water Separability , mins @82°C	ASTM D1401	20

* These values are not intended for use in preparing specifications

If you require any further information, please contact your Edmac salesperson or sales.edmac@edmac.eu.