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# LOBE ELECT ISO 220

## ROTARY LOBE BLOWER

Edmac Lobe Elect is a premium quality air compressor oil designed to deliver high performance lubrication of rotary and screw air compressors. It uses an advanced additive system to provide excellent protection and performance for compressors running at up to 150°C discharge temperatures.

### Product Details

**Part Numbers** 3004801155 (1L),  
3004801156 (5L)

### Product Compatibility

**Kaeser** Kaeser Omega Fluid Oil M220

### Features

#### Long oil life – Maintenance saving

Edmac Lobe Elect is capable of providing superior wettability, extra oil retention and thin film protection against rust and corrosion. It gives excellent resistance to oxidation and thermal degradation, and a high level of protection against wear. It is formulated to help:

- Resist formation of carbon deposits in sliding vane slots in vane compressors
- Resist formation of deposits on rotating components in screw compressors
- Resist thermal breakdown and deposit formation to maintain excellent internal surface cleanliness particularly in oil/air separator and coalescer systems.
- Rapid separation of water for smooth, efficient operation, reduced downtime and undiminished wear protection
- 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)

#### Outstanding wear protection

Edmac Lobe Elect 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.

#### 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. Edmac Lobe Elect+ is designed to provide rapid air release without excessive foaming to give trouble-free operation even under cycling conditions. In addition, Edmac Lobe Elect+ has excellent water separation



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properties to help ensure continuous efficient operation of the compressor even in the presence of water.

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**Specifications,  
Approvals &  
Recommendations**

**Health and Safety**

Edmac Lobe Elect 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.

**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 Elect ISO 220
<b>ISO Grade</b>	ISO 3448	220
<b>Viscosity</b> mm <sup>2</sup> /s @ 40°C	ASTM D445	220
<b>Viscosity</b> mm <sup>2</sup> /s @ 100°C	ASTM D445	28.5
<b>Density</b> kg/m <sup>3</sup> @ 15°C	ASTM D1298	854
<b>Flash Point</b> , °C	ASTM D92	284
<b>Pour Point</b> , °C	D97	-15
<b>Water Separability</b> , mins @54°C	ASTM D1401	15

\* 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](mailto:sales.edmac@edmac.eu).