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# TORQUE ELECT 400 ISO 68

## PREMIUM LUBRICATING OIL FOR ROTARY AIR COMPRESSORS

Torque Elect 400 ISO 68 is a high performance oil designed to provide high performance lubrication for rotary vane and screw compressors. It consists of selected additives to ensure excellent protection and performance of compressors with oil drain intervals up to 4,000 hours (if allowed by the manufacturers).

### Product Details

<b>Part Numbers</b>	3004090320 (5L),
	3004010015 (20L)
	3004010016 (209L)

### Product Compatibility

<b>Hydrovane</b>	FluidForce Red 2000/ VAWO2000
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### Features

Torque Elect 400 ISO 68 can provide oil change intervals of up to 4,000 hours (if permitted by the manufacturers) even at maximum discharge gas temperatures of up to 100°C. It is formulated to: Resist the formation of carbonaceous deposits in rotary vane compressors. To resist the formation of deposits on rotating components in screw compressors. Resist thermal degradation and excellent cleanliness of internal surfaces preserved, especially in oil/air separator and coalescing filter systems.

### Extended Oil Life – Savings on Maintenance

The maintenance interval depends on the quality of air intake, operating and environmental conditions. For hot and humid climates such as those found in the regions of Asia and the Pacific, becomes a oil change period under 4,000 hours recommended (refer to OEM recommendations).

Excellent wear protection With years of successful application, Torque Elect 400 ISO 68 68 an effective protection of internal metals surfaces against corrosion and wear. It incorporates an advanced ashless anti-wear system that the life of critical parts such as bearings and gears lengthened.



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### **Maintaining System Efficiency**

The air release and anti-foam properties are essential performance characteristics for a compressor oil for reliable starting and continuous guarantee the availability of compressed air. Torque Elect 400 ISO 68 68 ensures rapid air separation without excessive foaming for an efficient operation, even under severe operating conditions. In addition, Torque Elect 400 ISO 68 68 provides an excellent water separating ability to maintain a continuous efficient operation of the compressor, even in presence of water.

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### **Main Applications Pallet or screw air compressors**

Torque Elect 400 ISO 68 suitable for oil immersed/oil injected one or two stage pallet or screw air compressors.

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### **Specifications, Approvals & Recommendations**

#### **ISO 6743-3: 2003 (E) L-DAH**

For a complete overview of approvals and recommendations, please contact your locale Edmac salesperson.

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### **Compatibility and Mixability**

#### **Seal Compatibility**

Torque Elect 400 ISO 68 oils are compatible with specified elastomers for use with mineral oils.

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### **Health, Safety & Environment**

#### **Health and Safety**

Torque Elect 400 ISO 68 is used as directed in its intended applications and when good industrial and personal hygiene are observed, it is unlikely that any health or safety hazards will arise. Avoid skin contact. Wear oil-tight gloves with used oil. After skin contact, wash immediately with soap and water. Safety and health information is available on the appropriate safety data sheet

#### **Protect the Environment**

Dispose of used oil through an authorized disposal company. Prevent leakage to sewer, soil, or surface water.

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### **Additional information**

Advice on applications not provided in this data sheet can be obtained from your Edmac representative.

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## Typical Properties

Properties	Method	Torque Elect 400 ISO 68
<b>ISO Viscosity Class</b>	ISO 3448	68
<b>Kinematic Viscosity, @40°C mm<sup>2</sup>/s</b>	ASTM D445	68
<b>Kinematic Viscosity, @100°C mm<sup>2</sup>/s</b>	ASTM D445	8.9
<b>Viscosity Index, (VI)</b>	ISO 2909	104
<b>Density, 15°C kg/m<sup>3</sup></b>	ASTM D1298	873
<b>Flash point, open cup, °C</b>	ASTM D92	248
<b>Air Separation, minutes</b>	ASTM D3427	5
<b>RPVOT , minutes</b>	ASTM D2272	700
<b>FZG Test, LS Fail</b>	CEC-L-07-A-95	11
<b>Stolpunt , °C</b>	ASTM D97	-30
<b>Water separation , @54°C minutes</b>	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) .