



# Finnexx Shanxia Oils

## RACO

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### **PRODUCT DESCRIPTION**

Finnexx Shanxia RACO is a premium performance range of Rotary Air Compressor Oils. Mineral Oil based, containing a special oxidation inhibitor and a rust inhibitor. Finnexx Shanxia RACO has been designed specifically for use in oil flood lubricated positive displacement rotary compressors at extended drain intervals.

### **CUSTOMER BENEFITS**

- **Extended oil service life**  
Outstanding oxidation stability of the highly refined base oil and special inhibitor system resists oil breakdown under the highly oxidizing environment encountered during intimate inter-mixing of oil and air in rotary compressor service, permitting oil drain intervals to be extended.
- **Minimum maintenance and downtime**  
Outstanding oxidation stability also resists the formation of harmful varnish and sludge deposits which are promoted by contact with condensed water vapor, dust and other particulate contaminants. The highly effective film forming corrosion inhibitor plates out on metal surfaces to protect the system against rust.
- **Trouble-free operation**  
Excellent air release and anti-foam properties of the highly refined base oil and inhibitor system minimize lubricant carry-over, protect against interruption of lubrication due to air entrained in the oil, and minimize the possibility of foaming and overflow in tanks and reservoirs. Excellent water separating characteristics ensure efficient and rapid separation of condensed water vapor in the reservoir where it may be easily removed by draining.

### **APPLICATIONS**

Finnexx Shanxia RACO is recommended for:

- Oil flood lubricated rotary screw air compressors
- Oil flood lubricated sliding vane air compressors

**Not** recommended for use in breathing air compressors and for reciprocating air compressor applications, particularly where oils meeting DIN 51506 VDL are specified.



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### TYPICAL TEST DATA

Characteristic	Test methods	VG 32	VG 46
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	32	46
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	5.6	7.1
Viscosity Index	ASTM D2270	114	113
TAN, mgKOH/g	ASTM D974	0.05	0.05
Flash Point COC, °C	ASTM D92	226	232
Oxidation stability			
Hrs to 2.0 Acid nr.	ASTM D943	9000	9000

Values are typical of production but will be subject to variation.

**Health & Safety Note** – Always maintain good levels of personal hygiene when handling mineral oils. Wear protective clothing/gloves. Wash hands and skin areas where contact has occurred and avoid ingestion. See applicable Material Safety data Sheet for further information.