



# Finnexx Shanxia Oils

## Compressor Oil R

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### **PRODUCT DESCRIPTION**

Finnexx Shanxia Compressor Oil R is a high performance, rust and oxidation inhibited, petroleum-based compressor oil for the lubrication of reciprocating air compressors. It is blended with special ashless antioxidant, and corrosion and foam inhibitors.

### **CUSTOMER BENEFITS**

- Saves on maintenance and downtime  
Excellent oxidation stability and low carbon-forming tendency of the highly refined base oil and special inhibitor system reduces the build-up of harmful deposits on critical areas such as discharge valves, maintaining compressor performance under the severest operating conditions. The highly effective film forming corrosion inhibitor plates out on metal surfaces to protect against rust caused by moisture entering the system, particularly during shutdown and intermittent operation.
- Long oil service life  
High oxidation stability also resists oil breakdown at high discharge temperatures in compressor crankcase applications, permitting long oil drain intervals.
- Trouble-free operation  
Effective anti-foam properties of the highly refined base oil and inhibitor system protect against the interruption of lubrication due to entrained air, and minimize the possibility of foaming and overflow in tanks and reservoirs.

### **APPLICATIONS**

- Single-stage and multi-stage reciprocating compressors with discharge temperatures up to 220°C
- Reciprocating compressors where the manufacturer specifies DIN 51506 VDL oil
- Air or inert gas reciprocating compressors
- Stationary, semi-portable and portable units
- Compressors where the manufacturer specifies a non-detergent, R&O oil
- Compression chamber and running gear of drip-feed rotary compressors (as appropriate)

**Not** recommended for use in breathing air compressors



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### **PERFORMANCE**

- German Standard DIN 51506 Group VDL

### **TYPICAL TEST DATA**

Characteristic	Test methods	VG 68	VG 100
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	64.74	95.87
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	8.651	11.31
Viscosity Index	ASTM D2270	105	104
TAN, mg KOH/g	ASTM D974	0.10	0.10
Flash Point COC, °C	ASTM D92	238	242
Carbon Residue after ageing (POT), m%	DIN 51352	1.7	1.9
Pour Point, °C	ASTM D97	-12	-12

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.