

RIDA COMPRESSOR OIL

- *Anti-wear protection*
- *Oxidation resistance*
- *Anti-foam performance*
- *Resist Water Contamination*

RIDA Compressor Oil is a premium performance ashless air compressor lubricant designed to meet the stringent requirements of major compressor manufacturers. It is formulated with high quality mineral base-oils and a high performance additive system designed to provide exceptional equipment protection and reliability for modern compressors operating under mild to severe conditions in industrial applications. It provides excellent wear protection and the ability to reduce maintenance costs by minimizing downstream deposits and carryover.

Designed to Perform

Oxidation Resistance – Rida Compressor Oils provide a good oxidation resistance that protects the rotary compressor internals by slowing down the rate of oxidation, acid formation and minimizes the production of fine metal particles. Additionally, this property helps to extend oil life particularly when subjected to unusually high thermal stresses thus maintenance costs are therefore reduced.

Anti-wear, Anti-corrosion & Anti-rust Protection – Longer Equipment Life, proven anti wear, anti-corrosion and anti-rust additive packages provide greater resistance and extend compressor life and provides low maintenance costs. These properties of Rida Compressor Oils prevent rust development on the air end or any adjacent component of the compressor system thus preventing the moisture absorption of its metal parts.

Antifoam – Increased Performance
Easy release of entrained air which will protect in over heating of the system and protects the oil surface area in further exposure to oxygen.

Demulsibility – Component of Life Extension
Prevent the formation of water in oil emulsion and readily separates from water and help to reduce carryover to downstream equipment. It helps reduce blockage of coalescers, coolers and less potential for emulsion formation.

Performance Characteristics

Rida Compressor Oils is recommended for single and multistage air compressors in marine and industrial applications. It is particularly effective for continuous high temperature operation with discharge temperatures up to 150°C. It is suitable for reciprocating air compressor crankcases and cylinders. It is recommended for units with a history of excess oil degradation, poor valve performance or deposit formation. It is compatible with all metals used in modern compressor construction and with mineral-oil compatible elastomers used in seals, O-rings and gaskets.

Rida Compressor Oil is designed to provide long service life in most compressor applications. The thermal stability and oxidation resistance of these fluids can help to maintain cleaner compressors, thereby enabling longer running periods between scheduled maintenance and oil changes. The outstanding anti-wear and corrosion protection are designed to enhance equipment life, while reducing maintenance requirements.

Technical Data Sheet (TDS)



RIDA Lubricants Compressor Oils

Meets the requirements of the following specifications:

- DIN 51506 VDL
- ISO / DIS - 6521
- Meets requirements of rust test ASTM D-665 A and B.

Typical Physical Characteristics

Property	Temp	Units	Test Methods	Compressor Oil			
ISO Viscosity Grade			ISO 3448	46	68	100	220
Kinematic Viscosity	@ 40°C	cSt	ASTM D445	46	68	100	220
Kinematic Viscosity	@ 100°C	cSt	ASTM D445	7	9	10.5	20.5
Viscosity Index			ASTM D2270	109	107	102	109
Flash Point (COC)		°C	ASTM D92	230	240	250	270
Pour Point		°C	ASTM D97	-33	-30	-27	-25
Density	@ 15 °C	kg/m ³	ASTM 4052	0.86	0.87	0.88	0.888

These characteristics are typical of current product methods whilst future production will conform to Rida Lubricants specifications, variations in these physical characteristics may occur.

Health & Safety Environment

- This product is unlikely to present any significant health and safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- Avoid contact with eyes and skin, use proper impervious gloves with used oil. After skin contact, wash immediately with soap and water. Guidance on health and safety is available on the appropriate Material Safety Data Sheet (MSDS) which can be obtained from www.ridalubs.com

Protect the Environment

- Take used oil to an authorized collection point. Do not discharge used or new oil into drains, soil or water.

Additional Information

- Technical advice on any applications not covered here may be obtained from your Rida Lubricants Representative.