

Raysun Ariel

High Performance Air Compressor Oil

Raysun Ariel series are high performance ashless compressor oils specially designed to meet stringent requirements of major compressor manufacturers. These oils are formulated with high quality base oils and carefully selected performance additives to provide excellent protection against oxidation degradation, rust & corrosion and foaming & entrained air. The low carbon foaming tendency coupled with high FZG rating make these oils suitable for both reciprocating and rotary air compressors. These oils exceed the performance requirements of DIN 51506 VDL and ISO 6743-3:2003 DAA Normal Duty.

Advantages

- Excellent thermo-oxidative stability controls the formation of sludge & varnish on valves & piston crowns and improves oil life resulting in improved equipment reliability, availability and efficiency
- Low ash and carbon forming tendency ensures improved valve performance and reduced potential for fires and explosions in the discharge systems
- Exceptional wear and rust protection result in reduced maintenance costs and longer equipment life
- Superior demulsibility reduces oil carryover and corrosion, maintains lubrication efficiency, reduces sludge formation and improves life of coalescers

Applications

- Reciprocating air compressors operating with a high discharge temperature of up to 220°C used in stationary and mobile applications
- Single or multiple stage rotary screw and vane, centrifugal compressors and reciprocating compressors of various OEMs including Hydrovane, Sullair, Atlas Copco, Compare and others
- Axial and centrifugal compressors
- Also used in circulating oil system, plain and rolling elements bearing, lightly loaded Gear sets, etc

Specifications

- DIN 51506 VDL
- ISO 6743-3:2003 DAA Normal Duty

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ISO Viscosity Grades							ASTM Method	Specification
220	150	100	68	55*	46	32		
0.880	0.876	0.861	0.872	0.871	0.859	0.866	D 1298	Density @ 15°C, kg/l
220	150	100	68	55	46	32	D 445	Viscosity @ 40 °C, cSt.
117	115	110	100	100	100	100	D 2270	Viscosity Index
248	246	243	234	234	230	218	D 92	Flash Point, °C
-18	-21	-24	-27	-27	-30	-30	D 97	Pour Point, °C
Pass	Pass	Pass	Pass	Pass	Pass	Pass	D665 A/B	Rust Test

* ISO 6743-3 class L-DAH

Note: "All of the results are typical and the results of each batch are presented in the COA sheet."