



Raysun Ariel PA

Advanced Synthetic Air Compressor Lubricant

Raysun Ariel PA series are advanced fully synthetic ashless air compressor lubricants developed for use in rotary compressors of screw or vane design, reciprocating compressors and centrifugal compressors. The synthetic Polyalphaolefin (PAO) base fluids in combination with advanced additive technology provide effective lubrication of equipment working in extreme temperatures and severe operating conditions. These oils are specially designed to provide excellent thermo-oxidative stability and wear protection.

Advantages

- Outstanding thermo-oxidative stability and excellent anti-wear protection leads to longer oil and equipment life
- Low varnish and carbon forming tendency help in reducing maintenance cost
- Extra high viscosity index coupled with excellent low temperature fluidity makes these oils suitable for use in wide operating temperature range
- Zinc-free formulation ensures excellent filterability by minimizing oil filter blockage in wet condition
- Excellent low volatility characteristics give low oil consumption and reduced top-up rates
- Improved surface properties result in very good anti-foaming and air release properties and superior demulsibility
- Offers excellent protection against rust and corrosion
- Compatible with mineral lubricants and also with seals and paints normally used with mineral oils

Applications

- Single or multiple stage rotary screw or vane, centrifugal compressors and reciprocating compressors of various OEMs including Hydrovane, Atlas Copco, Compare, and Worthington
- Compressors used in mobile and stationary applications

Specifications

- DIN 51506 VDL
- ISO 6743-3 ISO-L-DAB and ISO-L-DAJ



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ISO Viscosity Grades					ASTM Method	Specification
150	100	68	46	32		
0.856	0.853	0.850	0.833	0.830	D 1298	Density @ 15°C, kg/l
150	100	68	46	32	D 445	Viscosity @ 40 °C, cSt.
145	143	141	137	135	D 2270	Viscosity Index
264	260	254	242	240	D 92	Flash Point, °C
-42	-45	-48	-48	-57	D 97	Pour Point, °C
Pass	Pass	Pass	Pass	Pass	D 665 A/B	Rust Test
5	5	3	3	2	D 3427	Air Release, @ 50°C minutes

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