



Raysun Ariel LL

Long Life Air Compressor Lubricant

Raysun Ariel LL series are long life ashless air compressor lubricants developed for use in rotary compressors of screw or vane design, reciprocating compressors and centrifugal compressors to provide long and reliable service in extreme temperatures and severe operating conditions. Raysun Ariel LL are manufactured from specially selected base fluids and advanced additive technology to provide excellent thermo-oxidative stability, resistance to sludge & varnish formation and wear protection similar to synthetic products meeting SAE M1003-2 specification.

Advantages

- Outstanding thermo-oxidative stability and excellent anti-wear protection leads to longer oil and equipment life
- Low sludge, varnish and carbon forming tendency help in reducing maintenance cost
- 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 results 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, Sullair, Atlas Copco, Comp Air and others
- 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	55	46	32		
0.850	0.848	0.845	0.842	0.841	0.839	D 1298	Density @ 15°C, kg/l
150	100	68	55	46	32	D 445	Viscosity @ 40 °C, cSt.
120	120	120	132	131	131	D 2270	Viscosity Index
250	248	230	228	226	224	D 92	Flash Point, °C
-21	-27	-30	-36	-36	-39	D 97	Pour Point, °C
12	12	8	6	5	2	D 3427	Air Release, @ 50°C minutes
2000 ⁺	2000 ⁺	2000 ⁺	2000 ⁺	2000 ⁺	2000 ⁺	D 2272	RPVOT, minutes

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