

## Raysun Ariel PE

### Long Life Fully Synthetic Air Compressor Lubricant

Raysun Ariel PE series are long life fully synthetic air compressor oils specially designed for rotary compressors, screw or vane, reciprocating compressors and centrifugal compressors with a long service life of +10000 hours under good operating conditions. These oils are formulated with Polyol Ester base fluid and special additives in order to provide excellent protection against oxidation degradation, wear, rust & corrosion. Raysun Ariel PE series are compatible with mineral oil and alkylbenzene lubricants.

#### Advantages

- Outstanding thermal stability
- Excellent wear and rust protection result in reduced maintenance costs and longer equipment life
- (Same base fluid as used in jet aviation (polyol ester
- Superior to petroleum, PAO, or synthetic diesters
- Built in detergency action
- Excellent lubrication at low temperatures
- Generally recognized as being biodegradable and virtually nontoxic
- Compatible with elastomers commonly used in the air compressor system

Caution: May affect some paint finishes, plastics and seals

#### Applications

- Rotary screw compressors
- Rotary vane compressors
- Reciprocating compressors
- Centrifugal compressors
- Vacuum pump

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ISO Viscosity Grades						ASTM Method	Specification
220	150	100	68	32	22		
0.964	0.967	0.968	0.968	0.997	0.941	D 1298	Density @ 15°C, kg/l
220	150	100	68	32	22	D 445	Viscosity @ 40 °C, cSt.
112	117	120	130	135	140	D 2270	Viscosity Index
254	261	271	256	250	260	D 92	Flash Point, °C
-27	-33	-36	-42	-45	-48	D 97	Pour Point, °C
0.05	0.05	0.05	0.05	0.05	0.05	D 664	Total Acid number, mg KOH/g

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