

Raysun Ariel DE

High Performance Air Compressor Oil

Raysun Ariel DE Compressor Oil series are advanced fully synthetic air compressor lubricants developed for use in rotary compressors of screw or vane design, reciprocating compressors and heavy duty turbo-chargers to provide long term lubrication in process gas compressors. The synthetic diester based compressor oil provides 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
- Improved surface properties result in very good anti-foaming and air release properties, superior demulsibility and excellent protection against rust and corrosion
- Ash-less formulation ensures no interference with catalytic process as well as excellent filterability by minimizing oil filter blockage in wet condition
- Greatly reduces fire and explosion hazard
- Excellent low volatility characteristics give low oil consumption and reduced top-up rates
- Compatible with various seals materials and paints (e.g. Viton, High Nitrile Buna N, Teflon, Epoxy Paint, Oil-Resistant Alkyd, Nylon, Delrin, Celcon and PBT)
- Raysun Ariel DE Compressor Oil 68 carried H2 for use in food processing plants

Applications

- Raysun Ariel DE Compressor Oil 68 is suitable for use in oil flooded rotary screw and vane air compressors. (Nominal operating range is -23°C to 230°C (-10°F to 445°F)
- Raysun Ariel DE Compressor Oil 100 is recommended for cylinder and frame lubrication of reciprocating compressors and vacuum pumps

NOTE: Not recommended for use with Neoprene, SBR Rubber, Low Nitrile Buna N, Acrylic Paint, Lacquer, Polystyrene, PVC and ABS



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ISO Viscosity Grades		ASTM Method	Specification
100	68		
0.9	0.9	D 1298	Density @ 15°C, kg/l
100	68	D 445	Viscosity @ 40 °C, cSt.
144	140	D 2270	Viscosity Index
300	266	D 92	Flash Point, °C
-42	-48	D 97	Pour Point, °C
≤0.01	≤0.01	D 189	Conradson Carbon Residue (CCR), %max

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