

Raysun Ariel DL

Long Life Oils for Rotary Screw and Vane Air Compressors

Raysun Ariel DL series are long oil life detergent based air compressor oils developed for use in rotary sliding vane and screw compressors, in order to extended drain intervals, reduced downtime, operational and energy cost savings in sever duty cycle, Intermittent, Continuous operating conditions and high relative air humidity even when operating at a continuous maximum discharge air temperature of up to 100°C. Raysun Ariel DL series are manufactured from specially selected base oil and advanced additive technology to provide excellent thermo-oxidative stability, resistance to sludge, varnish formation and wear protection even in presence of contaminants (dust or gases). They exceed the performance requirements of global industry standard of Rotary oil-flooded (vane and screw) compressors ISO 6743-3 DAH

Advantages

- Advanced detergency to reduces deposits and enhances compressor cleanliness to provide extended compressor life
- Outstanding thermo-oxidative stability and excellent anti-wear protection leads to longer oil and equipment life
- Resists formation of deposits of carbon in sliding vane slots
- High viscosity index coupled with excellent low temperature fluidity makes these oils suitable for use in wide operating temperature range
- Good air release and anti-foam properties
- Compatible with all sealing materials commonly used in air compressors

Applications

- Suitable for Oil flooded or oil injected, rotary screw and vane air compressors, operating at up to 15 bar and 100°C air discharge temperatures

Specifications

- ISO 6743-3-DAH

Raysun Ariel DL

ISO Viscosity Grades		ASTM Method	Specification
68	46		
0.874	0.871	D 1298	Density @ 15°C, kg/l
68	46	D 445	Viscosity @ 40 °C, cSt.
103	104	D 2270	Viscosity Index
240	236	D 92	Flash Point, °C
-30	-33	D 97	Pour Point, °C
45	40	D 1401	Water separability @54 ^o , min
0.4	0.4	D 874	% ,Sulphated Ash

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