



## Raysun Triton AB

### High Performance Fully Synthetic Refrigeration Compressor Oil

Raysun Triton AB series are high performance fully synthetic refrigeration compressor oils specially designed to meet the stringent requirements of most modern refrigeration and air conditioning systems from major equipment manufacturers. These oils are formulated from the highest quality dialkyl benzene base fluids and provide excellent protection against oxidation degradation, wear and rust & corrosion. These oils are specifically designed for refrigeration systems using non-hydrofluorocarbon refrigerants such as R-11, R-12, R-13B1 R-22, R-113, R-500, R-501, R-502, etc. These oils exceed the performance requirements of DIN 51503 KC

#### Advantages

- Excellent thermo-oxidative stability controls deposits in evaporator tubes, improves heat transfer and improves oil life resulting in improved equipment reliability, availability and efficiency
- Very good solubility with refrigerants over a wide range of operating temperature
- Excellent wear and rust protection result in reduced maintenance costs and longer equipment life
- Completely wax free and lower pour point prevents blockage and ensures smooth operation
- Excellent high temperature and chemical stability
- Compatible with materials of construction and elastomers commonly used in the refrigeration system (e.g. Mylar, Polypropylene, Viton, Buna-N, Neoprene, Nylon, etc)

#### Applications

- Mobile air conditioning, domestic refrigeration, residential and commercial air conditioning and heat pump, commercial refrigeration including transport refrigeration, Industrial refrigeration (reciprocating and rotary units)
- Marine refrigeration applications line food freezing and cold storage plants
- Suitable for use with most fluorocarbon and other refrigerant gases like R-11, R-12, R-13B1, R-22, R-113, R-500, R-501, R-502, etc. in compressors where such quality oils are recommended

NOTE: These oils are not recommended for use with R-134a.



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ISO Viscosity Grades			ASTM Method	Specification
100	68	55		
0.86	0.86	0.87	D 1298	Density @ 15°C, kg/l
100	68	55	D 445	Viscosity @ 40 °C, cSt.
>185	>185	185	D 92	Flash Point, °C
-30	-39	-45	D 97	Pour Point, °C
<0.02	0.01	0.01	D 974	Total Acid Number, mg KOH/g
40	43	45	D 1533	Water, ppm

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