



Raysun triton M

High Performance Refrigeration Compressor Oil

Raysun Triton M series are high performance refrigeration compressor oils specially designed to meet the stringent requirements of major refrigeration compressor manufacturers. These oils are formulated with severely hydro treated base oils to provide excellent protection against oxidation degradation, rust & corrosion and foaming & entrained air. These oils are specifically designed for refrigeration systems using R-717 (Ammonia - NH₃).

Advantages

- Low pour point ensures smooth operation at low operating temperatures
- Low ash and carbon forming tendency ensures improved valve performance and reduced potential for fires and explosions in the discharge systems
- Good wear and rust protection result in reduced maintenance costs and longer equipment life
- Good thermo-oxidative stability controls deposits in evaporator tubes, improves heat transfer and improves oil life resulting in improved equipment reliability, availability and efficiency

Applications

- Suitable for refrigeration compressor in both rotary and reciprocating compressors types



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| ISO Viscosity Grades | | | | ASTM Method | Specification |
|----------------------|-------|-------|-------|-------------|-------------------------|
| 100 | 68 | 46 | 32 | | |
| 0.868 | 0.864 | 0.862 | 0.860 | D 1298 | Density @ 15°C, kg/l |
| 100 | 68 | 46 | 32 | D 445 | Viscosity @ 40 °C, cSt. |
| 100 | 100 | 100 | 100 | D 2270 | Viscosity Index |
| 252 | 250 | 242 | 240 | D 92 | Flash Point, °C |
| -27 | -30 | -33 | -33 | D 97 | Pour Point, °C |

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