



LOW POUR OIL

PSO Low Pour Oil series, specially formulated with highly refined mineral base oil for use in industrial refrigeration compressors. This oil provides excellent flowability at very low temperatures, due to the incorporation of high-quality additives. The mineral refrigeration oil ensures the cleaning of evaporator tubes, improving heat transfer properties.

Benefits

- Prevents the aggregation of wax crystals at low temperatures.
- Enables excellent low-temperature performance.
- Offers excellent protection from wear and scouring on the cylinders and running gears.
- Good oxidation stability, provides moderate oil service life.
- Provides good rust protection to enhance equipment service life.

Applications

- A versatile range of lubricants tailored to meet the low-temperature operation requirements of various types of conventional industrial refrigeration equipment and compressors.
- Ideal for applications where the low-temperature flow performance of a broad range of lubricants is required.

Typical Characteristics*

| PROPERTIES | METHODS | TYPICAL RESULTS | | |
|---------------------------|-------------|-----------------|--------|--------|
| ISO VG | | 32 | 46 | 68 |
| Density @ 15°C, kg/L | ASTM D-4052 | 0.8799 | 0.8848 | 0.8896 |
| K. Viscosity @ 40°C, cSt | ASTM D-445 | 31.9 | 46.8 | 68.7 |
| K. Viscosity @ 100°C, cSt | ASTM D-445 | 5.34 | 6.78 | 8.71 |
| Viscosity Index | ASTM D-2270 | 99 | 98 | 98 |
| Flash Point (COC), °C | ASTM D-92 | 202 | 222 | 228 |
| Pour Point, °C | ASTM D-97 | -27 | -27 | -27 |

*These typical characteristics mentioned are based on current mean values.

Based on available information, this product does not contain any component that may produce any significant hazard to health when used for the recommended application. Guidelines for health and safety are available in Material Safety Data Sheet of the product. Dispose of used oil, containers, cartons labels in an environment friendly manner. Do not discharge used oil into drain, soil or water. Advice on application not covered in this leaflet, may be obtained from lubricants.technical@psopk.com