



Raysun Icarus PA

Fully Synthetic Premium quality heat transfer oil

Raysun Icarus PA is premium quality heat transfer oil, that is recommended for use in closed system or open system, where a wide temperature range and environmentally safe fluid is required. This oil formulated from high quality Polyalphaolefin (PAO) synthetic base fluids and modern additive to provide specific fluidity at temperatures below -57°C and thermal stability up to 340°C permits its use over a wide range of conditions

Advantages

- Excellent thermal and oxidation stability minimizes deposit formation and viscosity increase leading to extended service life and reduced downtime
- Very low volatility and evaporation characteristics
- .High thermal efficiency for rapid and efficient transfer of heat
- .Low vapor pressure at elevated temperatures
- .High boiling points to prevent pressure buildup
- .Non-fouling on degradation
- .High viscosity index, meaning less change in viscosity with temperature
- .Excellent hydrolytic stability and resistance to emulsification with water
- .Non-corrosiveness
- Excellent compatibility with all types of seals, materials of construction and finishes commonly used in heat transfer systems
- Virtually odorless and essentially non-toxic

Applications

- Closed, indirect heating and cooling systems equipped with expansion tanks in all kinds of industrial processes operating at bulk oil temperatures up to 340 °C
- Open heating systems



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ISO Viscosity Grades	ASTM Method	Specification
32		
0.820	D 1298	Density @ 15°C, kg/l
32	D 445	Viscosity @40 °C, cSt.
138	D 2270	Viscosity Index
250	D 92	Flash Point, °C
-57	D 97	Pour Point, °C

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