

Raysun Icarus Ultra Plus

High Performance heat transfer oil

Raysun Icarus Ultra Plus is premium quality heat transfer oil intended for use in closed indirect heating systems that is formulated using severely hydrocracked API Gr III base oil. This product provides excellent oxidation stability, resistance against thermal cracking, high specific heat and thermal conductivity to provide more rapid heat dissipation. Although this oil is thermally very stable and is capable of offering extended service life without viscosity increase or deposit formation, it should be realized that the working life depends to a considerable extent on the effectiveness of the measures taken to exclude air

Advantages

- High viscosity index provides effective lubrication over a wide temperature range
- Excellent thermal and oxidation stability minimizes deposit formation and viscosity increase leading to extended service life and reduced downtime
- High specific heat and thermal conductivity of this oil provides more rapid heat dissipation
- Superior low temperature fluidity ensures quick circulation at start-up and reduced risk of local over-heating

Applications

- Closed, indirect heating and cooling systems equipped with expansion tanks in all kinds of industrial processes operating at bulk oil temperatures up to 320°C
- Open heating systems provided that the bulk oil temperature does not exceed 180°C

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ISO Viscosity Grades	ASTM Method	Specification
32		
0.840	D 1298	Density @ 15°C, kg/l
32	D 445	Viscosity @40 °C, cSt.
130	D 2270	Viscosity Index
230	D 92	Flash Point, °C
-24	D 97	Pour Point, °C
1a	D 130	Copper Corrosion

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