

Respina ThermoFluid HT

High performance heat transfer oil



Description

Respina ThermoFluid HT is an excellent performance heat transfer lubricant from the selected refinery mineral base oils with application in various systems and machines such as boilers where there is a need for high temperature oils with excellent heat transfer characteristics up to 320°C. It possesses high specific heat and thermal conductivity to provide more rapid heat dissipation and its ability to flow rapidly at low temperatures ensures quick circulation at start-up and reduced risk of local over-heating.

Specification and Approvals

- DIN 51522
- ISO 6743-12 Family Q

Advantages & Benefits

- Excellent oxidation stability
- Excellent rust & wear protection
- Excellent corrosion protection
- Low viscosity and high heat transfer coefficient
- Reduced deposits formation
- Low foaming / good air release

Typical Data

Property	HT 32	HT 100	Test method
Viscosity at 40°C	32	100	ASTM D445
Viscosity at 100°C	5.4	11.3	ASTM D445
Viscosity Index	100	100	ASTM D2270
Flash Point °C	+220	+250	ASTM D92
Pour Point °C	-12	-9	ASTM D97
Density kg/m^3	870	880	ASTM D4052

❖ The above data are typical and acceptable variation may occur during production. Also, some possible changes or modifications can be made upon customer request and specific needs.