



Technical Data Sheet

CALOR 32

Heat transfer fluid

Description

CALOR 32 is a high quality heat transfer fluid with outstanding performance in indirect heating installations. The high thermal stability of CALOR 32 due to its formulation with highly refined base oils and particular additivation will reduce the tendency towards viscosity increase at low temperatures and cracking degradation, also preventing corrosion of metals and the formation of deposits which interfere with efficient heat transfer.

Use / application

CALOR 32 is recommended for use in closed indirect heating and cooling installations in all kinds of industrial processes operating at bulk oil temperatures up to +280°C. It can be used for machinery in which the hot oil surface is directly exposed to air. CALOR 32 finds its use in centralized heating stations, in wood, textile and paper industry, steam generation, electromechanical and mechanical industries, varnishing works, etc.

Properties

- excellent thermal stability
- high specific heat
- high flash point
- low evaporation

Technical Data

ISO Viscosity class			32
Density at 15°C	ASTM D4052	g/cm ³	0.870
Viscosity at 40°C	ASTM D445	mm ² /s	30
Viscosity at 100°C	ASTM D445	mm ² /s	5.2
TAN Total Acid Number	ASTM D664	mgKOH/g	< 0.05
Flash point (COC)	ASTM D92	°C	230
Neutralization number	DIN 51558	mgKOH/g	0.05