



MATRAX TERM

Description

Mineral-based thermal fluid, with great stability and resistance to high temperatures, for use in heat transfer circuits.

Application

Developed to guarantee high stability and resistance to high temperatures. Its high quality bases and carefully selected additive package allow efficient heat transfer with high performance and prolonged duration, providing high stability against oxidation at high temperatures, reducing the formation of insolubles and deposits in circuits, improving circulation and heat transfer and consequently increasing longevity of use. It has an adequate viscosity that allows starting at low temperatures with excellent heat transmission, resulting in efficient boiler performance and high performance in closed systems without contact with air and with mechanical means of circulation. Maximum operating temperature: 300 °C

Technical characteristics

Thermal stability: allows its use and maintenance of viscosity over extended ranges and high temperature ranges

Corrosion resistance: contains additives that reduce chemical attacks on metal surfaces by organic acids resulting from exposure to contaminants that oxidize the oil, providing long periods of use

High resistance to foaming: high air release without excessive foaming



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Technical information

Parameter	<u>400</u>	<u>350</u>
Kinematic viscosity @40°C (cSt) ASTM D 445	22,5	30
Kinematic viscosity @100°C (cSt) ASTM D 445	4,3	5,2
Viscosity index ASTM D 2270	95	100
Density a 15°C (g/cm ³) ASTM D 1298	0,87	0,864
Flash point (°C) ASTM D 92	210	195
Freezing point (°C) ASTM D 97	-21	-9
		30

Approvals and Recommendations

All packaging must be stored in covered facilities. In cases where outdoor storage is unavoidable, the drums should be placed horizontally to prevent the possible infiltration of water, as well as their deformation. Products should not be stored above 60°C, exposed to direct sunlight or low temperatures. We advise you to read the safety data sheet carefully for more information on its use and handling.