TECHNICAL SPECIFICATIONS

EKO THERMAL

Heat transfer and quenching oil

DESCRIPTION-APPLICATIONS

EKO THERMAL is a premium heat transfer oil formulated with highly refined mineral base oils and special additives which provide enhanced resistance to chemical oxidation and thermal decomposition.

EKO THERMAL is intended for use in both open and closed indirect heating systems in industrial applications , where bulk oil temperatures do not exceed 315°C (for closed system) and 180°C for (open systems).

EKO THERMAL is also suitable for quenching applications.

SPECIFICATIONS

ISO 6743-12 Family Q

BENEFITS

- Superior resistance to thermal degradation, chemical oxidation and oil thickening, thus providing extended oil service life.
- Excellent fluidity and heat transfer over a wide temperature range.
- Very good rust and corrosion protection.
- The low vapor pressure of EKO THERMAL eliminates the "vapor lock" in the system, reduces the possibility of cavitation in pumps, prevents the development of high pressure in closed systems and minimizes evaporation losses in open systems.

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Heat transfer and quenching oil

TYPICAL PROPERTIES

Properties	Methods	Units	EKO THERMAL
Viscosity@100°C	ASTM D 445	cSt	5,5
Viscosity @40°C	ASTM D 445	cSt	32
Index viscosity (VI)	ASTM D 2270	-	105
Pour point	ASTM D 5950	°C	-15
Flash point	ASTM D 92	°C	226

HYGIENE AND SAFETY

Used lubricants must be collected in an authorized collection area. They must not be mixed with solvents, water, brake fluids and antifreeze. Do not dispose into drains, soil or water.