

High Quality Heat Transfer Oil

Product Description

Pertamina Termo a series of High-Quality Heat Transfer Oil formulated from a high-quality base oil stock with specific additives. Pertamina Termo Heat Transfer Oil is resistant to thermal cracking and chemical oxidation making it very thermally stable and capable of an extremely long service life without deposit formation or viscosity increase. Pertamina Termo Heat Transfer Oil is available in two viscosities; 32 and 150 grades and are applicable for the operating temperatures for which they are recommended.

Pertamina Termo 32 has a relatively low viscosity with excellent temperature characteristic versus viscosity, excellent thermal conductivity and superior heat transfer efficiency.

Application *(require specific details to split the 2 grades into 2 x PDS's)*

Pertamina Termo series is recommended for use in enclosed heat transfer systems that require a mineral oil with operating temperatures up to 300°C. Pertamina Termo series are also applicable for use in open heat transfer systems where operating temperatures reach a maximum of 180°C.

Typical Characteristics

Characteristic	Test Method	Termo 32	Termo 150
ISO Viscosity Grade	-	32	100
Density at 15 °C, kg/l	ASTM D - 4052	0.8720	0.8877
Kinematic Viscosity at 40 °C, cSt	ASTM D - 445	32.30	97.28
at 100 °C, cSt	ASTM D - 445	5.45	10.85
Viscosity Index	ASTM D - 2270	103	95
ASTM Colour	ASTM D - 1500	0.5	1.5
Flash Point, °C	ASTM D - 92	232	260
Pour Point, °C	ASTM D - 5950	-12	-9

Performance Benefits

- ❖ Excellent oxidation and thermal stability designed to extend oil drain intervals.
- ❖ Provides outstanding protection against corrosion, deposits and sludge for optimum system performance.
- ❖ Extremely efficient heat transfer capability.

PERTAMINA TERMO 32 / 150



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Health and Safety

Please contact Pertamina Marketing Head Office for appropriate Material Safety Data Sheet containing information related to Work Health and Safety protection.

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Disclaimer:

Information presented in this Product Data Sheet is as accurate as possible prior to printing. Such information is based upon standard industry tests under controlled laboratory conditions and presented as a guide only. To assess product suitability for its intended application, it is recommended that users refer to the latest version of the Product Data Sheet because the information contained herein is subject to change, without notice, due to the upgrades in product formulation, manufacturers' equipment specifications, user applications and storage.