



Active Lubricants

GROSS HT

HEAT TRANSFER OIL

Technical Data Sheet

GROSS HT oil is a selected petroleum product formulated for use in closed, oil sealed heat transfer systems. It is a high VI petroleum product which can be used safely in closed systems operating at temperatures up to 318°C. It has a high specific heat and thermal conductivity at operating temperatures and will consequently provide more rapid heating and greater system flexibility.

GROSS HT oil is recommended for system operating at maximum bulk oil temperatures up to 318°C and where minimum shutdown temperature is not below -18°C. It is particularly applicable where high heat transfer rates or high flow rates at reasonably low temperatures are required. Therefore it withstands repeated thermal cycling. It is not recommended for open bath heating systems.

It gives the following consumer benefits:

- Provides significant resistance to thermal cracking.
- High heat transfer rates.
- Protection against corrosion.
- Flexible for combined heating and cooling cycles

The typical characteristics of GROSS HT oil are:

TEST METHODS	SAE VISCOSITY GRADES	46
D 445	Kinematic Viscosity @ 40°C, cSt	46
D 4052	Density @ 15°C, kg/m ³	0.863
D 2270	Viscosity Index	101
D 97	Pour Point, °C	-18
D 93	Flash Point, °C	318
ISO 2592	Fire Point, °C	330

Product specifications are based on average values. They are not limiting values and are subject to change due to ongoing research and development. Some variation, not effecting performance can be expected

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