

CORVETTE® THERM HEAT TRANSFER OIL

DESCRIPTION:

CORVETTE THERM is a premium, high-performance heat transfer fluid engineered for demanding closed-circuit systems operating at temperatures exceeding 300°C. Formulated with highly refined mineral oil base stocks, offers exceptional thermal stability, oxidation resistance, and a wide operating temperature range.

APPLICATION:

CORVETTE THERM range is recommended for:

- Heat transfer systems.
- Diverse system applications (piping, pumps, etc.).
- High-temperature process heating.
- Heating residential and commercial buildings.
- Temperature regulation of storage tanks.

BENEFITS:

- Ensures long fluid life and minimizes degradation, even under extreme operating conditions.
- Designed to handle temperatures up to 320°C, making it suitable for a wide range of high-temperature applications.
- Protects system components from corrosion and reduces maintenance requirements.
- Maintains good pumpability at low temperatures, ensuring reliable system operation.
- High Viscosity Index: Provides consistent performance across a wide temperature range.
- Safe to handle and dispose of according to local regulations.

Specifications

CORVETTE THERM oil meets the requirements of:

- ISO 6743/12 class L family QC
- DIN 51502 class L

Typical Physical Characteristics

CORVETTE THERM	Unit	Method	32
ISO Oil Type/Grade		ISO 6743/12	class L family QC
Kinematic Viscosity		ASTM D 445	
@40°C	cSt	-	33.00
100°C	cSt	-	5.65
Viscosity Index	-	ASTM D 2270	110
Density @ 15°C	kg/l	ASTM D 1298	0.864
Flash Point (COC)	°C	ASTM D 92	230
Fire Point (COC)	°C	ASTM D 92	260
Pour Point	°C	ASTM D 97	-12
Bulk temperature (Max. for closed systems)	°C	-	310
Oil film temperature (Max. for closed systems)	°C	-	330

- These characteristics are typical of current production. Whilst future production will conform to CORVETTE specifications, variations in these characteristics may occur.
- For further guidance on Product Health & Safety refer to the appropriate CORVETTE Product Safety Data Sheet.
- Dispose of the used oil to an authorized collection point. Do not discharge into drains, soil, or water.

