HEAT TRANSFER OIL 46



Description

BENZOL® Heat Transfer oil 46 is specially designed for closed heat circulation systems operating under low pressure. It is formulated with selected mineral type base oil and special additive components which provides distinct performance benefits when operating at temperature 310°C. It's excellent thermal and oxidation stability offers long term service life for the heat exchanging system. It's low pour point property provides easier starting and faster oil circulation at low temperatures, reduced warm-up time, and reduced oil consumptions.

Applications

BENZOL® Heat Transfer oil 46 is intended for heat processing usage such as oil & gas processing units, pharmaceutical, glass, fiber & Resin, chemical, textile and food processing industries which are requiring a temperature delivery up to 320°C.

Performance Benefits

- Provides excellent thermal stability
- Reduces oil consumption in circulation system
- Prevents from residue formation
- Provides superior high temperature oxidation stability
- Reduced system maintenance cost
- Provides excellent rust and corrosion protection

Specifications and Approvals

ISO 6743-12 Class L-QB, DIN 51522 Class Q

Product/Part Number

HT03000331	4 x 5	HT03000321	4 x 4
HT03000171	12 x 1	HT03000171	24 X 1
HT03000511	1 x 20	HT03000531	1 x 25
HT03000561	1 x 200	HT03000571	1 x 208
HT03000601	1x1000		

Technical Specifications

Tests	Method	Results
Appearance	Visual	Clear & Bright
Water	Hot Plate	Nil
Color	D-1500	L2.0
Density @ 15 °C, Kg/L	D-1298	0.8710
Viscosity @ 100 °C, cSt	D-445	6.82
Viscosity @ 40 °C, cSt	D-445	46
Viscosity index	D-2270	101
Flash Point, °C (COC)	D-92	216
Pour Point, °C	D-97	-24
Foam SEQ.I/II/III	D-892	0/0/0
Copper Corrosion, 3hrs@100°C	D-130	1a

HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other BENZOL products, please visit www.benzollubricants.de

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