



MAK THERMOL

Heat Transfer

Description

MAK THERMOL is heat transfer oil made up of superior quality hydro finished base oil specially designed for use in enclosed heat transfer systems. It has excellent oxidation and thermal stability, high fluidity and low volatility. These are non-corrosive and non-toxic.

Application

These oils are used in enclosed heat transfer systems upto 250 °C. Suitable for large scale automation.

Benefits

- Exceptionally good oxidation and thermal stability
- Non corrosive & non toxic
- low vapour pressure so resists cracking
- Rust inhibition
- High flash point and fire point
- Excellent thermal conductivity
- Low volatility minimizes the formation of volatile decomposition products

PERFORMANCE LEVEL

- Proprietary grade

Technical Specifications

Characteristics	ASTM	22	32	100
Appearance	--	Light brown clear fluid	Light brown clear fluid	Light brown clear fluid
Density at 15° C	D1296	0.8791	0.8819	0.8876
K.V at 40° C, cSt	D445	22.3	32.1	100.6
Viscosity Index	D2270	102	100	97
Pour Point, °C	D97	-9	-9	-6
Flash Point, (COC), °C	D92	192	196	226
Copper Strip Corrosion Test at 100°C for 3 hrs.	D130	1b	1b	1b

All the mentioned values are typical which may vary from batch to batch

Storage and Handling

- Indoor Storage is always preferable
- Barrels should be kept horizontally with bung position at 3'o'clock 9 'o clock position
- Barrels should be kept away from dusty or heated areas as much as possible
- During handling any contact with dust must be avoided.

Health and Safety

These oils are not hazardous under normal conditions of use. For further guidance appropriate Material Safety Data Sheet may be referred.

Advice

For any further advice on applications or otherwise please contact the nearest Bharat Petroleum Territory Office or Technical Services Department at the address given below.

Bharat Petroleum Corporation Ltd.

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