



PRODUCT INFORMATION

LUBRITA THERM OIL 300

DESCRIPTION

LUBRITA Therm Oil 300 oils are the specialized products made from highly refined, High Viscosity Index paraffinic **GROUP II PLUS** Base Oils. They are non-toxic and exhibit excellent resistances to thermal cracking and oxidation. The high heat content and high thermal conductivity facilitates rapid heating and efficient operation of the heat transfer system. The heat transfer fluid is to be used in systems with forced circulation.

APPLICATIONS

- Suitable for use as heating transfer medium.
- Lubrita Therm Oil 300 works in Closed Circulating type heat transfer system which works with indirect heating and bulk oil temp above 100° C
- Open systems operating at temperatures up to 190° C and closed systems operating at bulk oil temperatures up to 315° C. Up till 290° C, System will function without an inert type of gas. When Bulk Oil temperature reaches between 290° C and 315° C, there has to slight over pressure due to inert type of gas.

PERFORMACE FEATURES:

1. High heat transfer coefficient.
2. High oxidation and thermal stability.
3. Low vapor pressure.
4. Good viscosity/ temperature characteristics.
5. Non- corrosive.
6. Non- toxic.

CONTROL SPECIFICATION:

Sr.	TEST PARAMETERS	TEST METHOD	TESTS REQUIRED ON SAMPLE	
1.	Appearance	Visual	Clear & Bright	
2.	Crackle Test	In-house	Nil	
3.	Colour	D - 1500	3 max.	
4.	KV @ 40°C	D - 445	30-34	
5.	Viscosity Index	D - 2270	110	
6.	Flash Point °C	D - 92	210	
7.	Coefficient of Thermal Expansion	---	0.09 °C	
8.	Pour Point °C	D - 97	-12	
9.	Fire Point Min °C	---	238	
10.	Auto Ignition Temperature °C	---	350	
11.	Initial Boiling Point °C	---	300	

HANDLING, HEALTH AND SAFETY

Lubricant consisting of highly refined mineral oils with specific additives. In normal conditions of use this lubricant presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with the skin.

Prevent any splashing and keep away from combustible materials. Store under cover and away from any risk of pollution. Disposes off the used oil correctly, don't pour down drains, into watercourses or the soil.