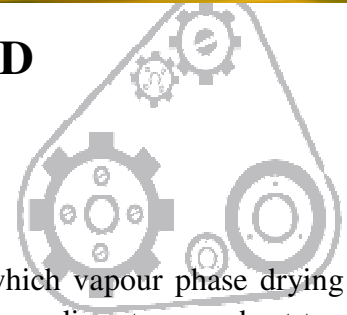




VAPOUR PHASE DRYING (VPD) FLUID MOTOROL RINKSOL H



Introduction:

This fluid is used in Vapour Phase Drying oven for high voltage transformer. Oven in which vapour phase drying of insulation is carried out prior to impregnation of transformer oil. This fluid is also used as a medium to carry heat to wet insulation and remove the moisture as possible and completely without any deleterious effect on insulation, copper and avoid changes of fire hazard or explosion etc.

Applications:

MOTOROL RINKSOL H recommended for use in drying of cellulosic insulation of the transformer winding when requires that the moisture content be brought down to 5 ppm level before impregnation of the winding with transformer oil, recovery of solvent and discarding the moisture. The fluid basically acts as a heat carrier to the insulation.

Advantages:

- ◆ High flash hydrocarbon
- ◆ Immiscible in water.
- ◆ Low viscosity and narrow boiling range

Performance Standard:

DIN: 51632 PART IV

Typical Specifications:

Sr. No.	Characteristics	Test Methods	Typ. Value
Product Code			SP/26
1	Colour , Max	ASTM D 1500	0.5
2	Kinematic Viscosity at 40 °C, cSt	ASTM D 445	1.4 -1.7
3	Flash point, °C Min	ASTM D 92	60
4	Pour Point, °C Max	ASTM D 97	(-) 3
5	Copper strip corrosion at 100°C for 3 Hrs.	ASTM D 130	Passes
6	Acidity, mg/KOH Max	ASTM D 974	0.005
7	Aniline Point, °C Min	ASTM D 611	60
8	Boiling range: IBP, °C FBP, °C	ASTM D 86	180 250
9	Aromatic content, % volume Max	-	17
10	Dielectric constant @ 20°C 50cy/sec, ohm-cm Max	IS-6262	2.66
11	Loss factor @20°C (500 v 50 cy/sec), Max	IS-6262	0.018
12	Residue, %, Max	-	1
13	Recovery, %, Min	ASTM D 86	99
14	Water Content, ppm, Max	IS-13567	0.0

Environment, Health & Safety:

Every care has been taken to ensure the accuracy of the information in this PDS. This however may be affected by subsequent improvement in product (R&D). MSDS is available for all MOTOROL products on request.

MOTOROL products are unlikely to present any health and safety hazard with proper use for the correct application and maintain proper personal hygiene. Do not Spill oils on the shop floor, discharge into drains ,ground or water sources.