



# PRODUCT DATA SHEET



## PRODUCT NAME/VISCOSITIES: B30 TRANSFORMER OIL

Product No	5102
Issue No.	2
Issue Date	16/09/13

### DESCRIPTION:

Highly refined hydrotreated light naphthenic oil.

### APPLICATION:

Use as received as an uninhibited transformer oil and other similar applications.

### USER BENEFITS:

- Due to its low conductivity B30 Transformer Oil finds many areas of application in electrical equipment such as switch gear, etc.
- Its highly refined nature imparts good chemical stability and outstanding reliability over prolonged service periods.

### PERFORMANCE PROFILE:

- BS 148:98 Class I & II
- IEC 60296 Edition 4.0 (2012), IEC 62535
- DIN 51353
- ASTM D1275 method B, D3487 type 1, AS 1767.1 – 1999

### TYPICAL CHARACTERISTICS:

Specific Gravity @ 20°C	0.875
Kinematic Viscosity @ 40°C	9.6cSt
Pour Point °C	-51
Resistivity	2000 E12
Water content	30 ppm max.
Breakdown Voltage	30 Kv min
Dielectric dissipation factor @ 90°C	<0,001
Interfacial tension mN/m	48
Breakdown voltage	
- Before treatment kV	40-60
- After treatment kV	>70
Flash point, PMCC °C	152

### HEALTH AND SAFETY:

Health and Safety Data Sheet 5102 applies to this product. When used for the purpose recommended and with due regard to the appropriate Health and Safety Data, the product should cause no concern. If in doubt, consult with Millers Oils Technical Department.

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