

TECHNICAL DATA SHEET



Product code: 5102

Sector: Industrial

Issue No: 3

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B30 TRANSFORMER OIL

Highly refined hydrotreated light naphthenic oil.

Application

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

Features & 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

Technical & Health and Safety

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