

TECHNICAL DATA

PAR TRANSFORMER OIL

DESCRIPTION

PAR Transformer Oil is a superior, mineral insulating medium, produced from naphthenic base stocks. Approved & supplied in the UK to the Central Electricity Generating Board, and area boards, PAR Transformer Oil exceeds BS 148:1998.

APPLICATIONS

For the insulation & cooling of high voltage transformers.

TYPICAL PHYSICAL PROPERTIES

TEST TYPE	TEST METHOD	PAR TRANSFORMER OIL
Relative density @ 20°C	ISO 3675	0.871
Viscosity @ ,cSt 40°C 20°C 15°C	ISO 3014	13 31 350
Flash point, °C	ISO 2719	154
Pour point, °C	ISO 3016	-40
Neutralisation value, mg KOH/g	IEC 296	<0.03
Corrosive sulphur	ISO 5662	pass
Water content	IEC 814	15
Breakdown voltage, KV	IEC 156	65
Resistivity T 20°C	IEC 247	20
Dielectric dissipation factor 90°C	IEC 247	0.001
Gassing tendency, mm ³ /min	IEC 628	-1
Oxidation test Acidity, mg KOH/g Sludge value, %	IEC 813 IEC 813	1.2 0.8

HEALTH & SAFETY

Please refer to Material Safety Data Sheet (MSDS).