



Peak Oil

www.peakoil.co.uk

TECHNICAL DATA

Electra B

Transformer/Switchgear Oil



Peak Oil

Peak Oil Ltd

Foxwood Road, Sheepbridge, Chesterfield S41 9RF.

Tel: 01246 450242 Fax: 01246 456017

Email: info@peakoil.co.uk



TECHNICAL DATA

Electra B

Transformer / Switchgear Oil

A highly refined chemically stable low viscosity mineral oil having inherently high thermal and oxidation stability.

Possesses excellent dielectric and heat transfer properties, and provides outstanding reliability during prolonged service.

Recommended for use in electrical transformers and switchgear, coupled with other types of equipment where an oil of high thermal and oxidation stability is required to act as a cooling and insulating medium. It is suitable for use in equipment requiring an oil of BS 148.1998 (Class I & II) quality, and where good absorbing properties are necessary.

Performance Benefits

- ◆ *Meets the following specifications, BS 148.1998 Class I & II, IEC 296 (82) Class I & II and ASTM D3487 Type I*
- ◆ *Excellent gas absorbing properties*
- ◆ *Fully meets standards of oxidation stability set by IEC*
- ◆ *Excellent low temperature properties*

- ◆ *Meets IEC standards for electric strength*

Health and Safety

The product is mineral oil based and should be handled according to good standards of industrial hygiene. Further detailed information please is available on request.

Storage

Drums should be stored on their sides in a clean dry place and protected from extremes of temperature, store >5°C.



Typical Physical Characteristics

Characteristic	Electra B
Density @ 20°C	0.886
Kinematic Viscosity @ 40°C (cSt)	10.0
Closed Flash Point °C	148
Pour Point °C	-45
Copper Corrosion	Pass
Neutralisation Value (mgKOH/g)	<0.03
Breakdown Voltage (as delivered)	40-60
Dielectric Dissipation Factor 90°C	0.005 max
Gassing Tendency, Hydrogen mm/min	+5 max
Oxidation stability @ 100°C (164 Hours)	
Neutralisation Value, mgKOH/g	0.40 max
Sludge, Wt %	0.10

The information given is correct to the best of our knowledge. It is offered in good faith but without guarantee as the conditions and methods of use of our products are beyond our control.