EOS
ELECTRICAL OIL SERVICES LTD
The Complete Solution

ELECTRICAL OIL SERVICES LTD

UNUSED MINERAL INSULATING OIL TO IEC 60296:2012

2512 29/6/2012

Application

Electrical Oil Services Ltd unused insulating oil conforms to IEC 60296:2012 and is pure mineral hydrocarbon oil, specially refined and blended from selected crudes to surpass the limiting values of the international standard specification and readily complies with all other user requirements.

PROPERTY	**UNIT**	**TEST METHOD**	**SPECIFICATION Min**	**Max**	**TYPICAL DATA**
1. PHYSICAL					
Appearance		IEC 60296	Clear, free from sediment and suspended matter		
Viscosity @ -30ºC	mm^2/s	ISO 3104		1800	1291
Viscosity @ 40ºC	mm^2/s	ISO 3104		12.0	10.3
Closed Flash Point	ºC	ISO 2719	135		147
Pour Point	ºC	ISO 3016		-40	-57
Density @ 20ºC	g/ml	ISO 12185		0.895	0.879
2. CHEMICAL					
Neutralisation value	mgKOH/g	IEC 62021-1		0.01	<0.01
Corrosive Sulphur		IEC 62535 ASTM1275B DIN 51353	Non corrosive Non corrosive Non corrosive		
Polycyclic Aromatics mass	%	BS 2000 Part 346		3	<3
PCB content	mg/kg	IEC 61619	Not detectable		Not detectable
Water content Bulk Drums	mg/kg	IEC 60814		 30 40	 <15 <25
Oxidation stability at 120ºC 164h Acidity after Oxidation Sludge Value	 mgKOH/g wt %	IEC 61125 (method C)		 1.2 0.8	 0.7 0.2
3. ELECTRICAL					
Dielectric Dissipation Factor @ 90ºC		IEC 60247		0.005	0.001
Breakdown Voltage on delivery	kV	IEC 60156	30		>40

Health and Safety information sheets are available for all Electrical Oil Services Ltd products from the address below:

Electrical Oil Services Ltd, PO Box 79, Bridges Road, Ellesmere Port, Cheshire, CH65 4WD.

Orders/Enquiries - Telephone: (0845) 602 1003, Fax: (0845) 602 1004