

ELECTRICAL OIL SERVICES LTD
UNUSED MINERAL INSULATING OIL TO IEC 60296:2003

2512 18/1/2008

Application

Electrical Oil Services Ltd unused insulating oil conforms to IEC 60296:2003 and is a 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		TYPICAL DATA
			Min	Max	
1. PHYSICAL					
Appearance		IEC 296	Clear, free from sediment and suspended matter		
Viscosity @ -15°C	mm ² /s	ISO 3104		800	400
Viscosity @ 40°C	mm ² /s	ISO 3104		12.0	9
Closed Flash Point	°C	ISO 2719	135		140
Pour Point	°C	ISO 3016		-40	-57
Density @ 20°C	g/ml	ISO 3675		0.895	0.879
2. CHEMICAL					
Neutralisation value	mgKOH/g	IEC 62021-1		0.01	0.01
Corrosive Sulphur		IEC 62535	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 120°C 164h Acidity after Oxidation Sludge Value	mgKOH/g wt %	IEC 61125 (method C)		1.2 0.8	0.24 0.10
3. ELECTRICAL					
Dielectric Dissipation Factor @ 90°C		IEC 60247		0.005	0.001
Breakdown Voltage on delivery	kV	IEC 156	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

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