



TRUSTED PURITY

## ELECTRICAL OIL SERVICES

### ELECTROL INSULATING OIL

#### BS148:2009 CLASS 1

#### Application

Electrical Oil Services' **ELECTROL INSULATING OIL** is produced from carefully selected used insulating oil which is treated to meet the requirements of BS148:2009 and performance requirements set out in IEC 60296:2012. This high grade Reclaimed/Recycled insulating oil can be readily used as an alternative to Unused (New) Insulating oil in all your oil filled transformer and switchgear **maintenance activities** as it meets the same performance criteria of standard IEC 60296:2012

PROPERTY	UNIT	TEST METHOD	SPECIFICATION		TYPICAL DATA
			Min	Max	
<b>1. PHYSICAL</b>					
Appearance		BS148	Clear, free from sediment		
Viscosity @ -15°C	cSt	BS 2000.71		800	288
Viscosity @ 40°C	cSt	BS2000.71		16.5	12.0
Closed Flash Point	°C	EN 22719	140		150
Pour Point	°C	BS 2000.15		-30	-50
Density @ 20°C	Kg/dm <sup>3</sup>	BS 4714		0.895	0.879
<b>2. CHEMICAL</b>					
Neutralisation value	mgKOH/g	BS148.98		0.03	0.01
Corrosive Sulphur Potential CS		BS 5680 IEC62535		Non corrosive Non corrosive	
Polycyclic Aromatics mass	%	BS2000 Part 346		3	<3
PCB content	mg/kg	IEC 61619		Non- detectable	Non- detectable
Water content Bulk Drums	mg/kg	IEC 814: 1985		20 30	8 15
Oxidation stability at 120°C 164h Acidity after Oxidation Sludge Value	mgKOH/g wt %	IEC 1125 C			0.8 0.45
Gassing Tendency	mm <sup>3</sup> /min	BS 5797		+5	-0.3
<b>3. ELECTRICAL</b>					
Dielectric Dissipation Factor @ 90°C		BS 5737		0.005	0.0026
Breakdown Voltage	kV	IEC 156	30		>30

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, Stanlow Works, Ellesmere Port, Cheshire, CH65 4WD.  
Telephone: Orders/Enquiries (0845) 6021003, Fax (0845) 6021004

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