



EOS® NTOUnused Insulating Oil

Unused Insulating Oil

- Complies with international standard IEC 60296
- Excellent quality
- Pure hydrocarbon oil based on selected crude oils
- Specially refined and blended
- Meets individual requirements of our customers



Property	Test Method	Specification min max		Typical Data	
Physical					
Appearance		clear, free from sediment and suspended matter			
Viscosity @ - 30 °C [mm²/s]	ISO 3104		1800	1291	
Viscosity @ 40 °C [mm²/s]	ISO 3104		12.0	10.3	
Closed Flash Point [°C]	ISO 2719	135		141	
Pour Point [°C]	ISO 3016		- 40	- 57	
Density @ 20 °C [g/ml]	ISO 12185		0.895	0.876	
Chemical					
Neutralisation value [mgKOH/g]	IEC 62021-1		0.01	< 0.01	
Corrosive sulphur	IEC 62535 ASTM 1275 B DIN 51353		non-corrosive		
Polycyclic aromatics mass [%]	BS 2000 IP 346		3	<3	
PCB content [mg/kg]	IEC 61619		not-detectable		
Water content [mg/kg] Bulk Drums	IEC 60814		30 40	< 15 < 25	
Oxidation stability @ 120 °C at 164h Acidity after oxidation [mgKOH/g] Sludge value [%]	IEC 61125 Methode C		1.2 0.8	0.7 0.2	
Electrical					
Dielectric Dissipation Factor @ 90°C	IEC 60247		0.005	0.001	
Breakdown voltage on delivery [kV]	IEC 60156	30		>40	

About EOS

Electrical Oil Services (EOS) is a Haltermann Carless Group company and a leading supplier of both regenerated and unused electrical insulating oils and associated services in Europe. EOS specialists have 70 years' experience in the production and marketing of insulating oils and supply both large and small customers in the electricity distribution industry with tailor-made solutions.

With its three locations in Europe EOS is in the position to offer a complete transformer service package to large and small customers in the electricity distribution industry all over Europe.



Electrical Oil Services

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