



H.V. DIAGNOSTICS SOLUTIONS AUSTRALIA

DF 30 **CABLE OIL**

OUR UNIQUE SPECIFICATIONS:

Characteristic	Method	Unit	Specification	
			Lower Tolerance	Upper Tolerance
Colour	ASTM D1544	Gardner		1.5
Water	ASTM E203	ppm		45
Acid Value	ASTM D664	mgKOH/g		0.03
Pour point	ASTM D97	°C		-50
Flash point	ASTM D92	°C	130	
Viscosity (40°C)	ASTM D445	mm ² /s	3.7	7.3
Viscosity (40°C)	ASTM D445	mm ² /s	4.1 (typical)	
Power Factor (60Hz, 100°C)	ASTM D924			0.001
Power Factor (60Hz, 90°C)	ASTM D924		0.00098 (typical)	
Dielectric Strength (25°C)	ASTM D877	kV	35	
Dielectric Strength (25°C) (2.5mm)	ASTM D877	kV	60 (typical)	
Volume Resistivity (25°C)	IEC247	Ωm	50.9 x10 ¹² (typical)	
Stability Under Electric Stress - Gassing Tendancy (80°C, 50Hz, H ₂ , 10kV)	IEC628 Method A	μLmin ⁻¹	-73.1 (typical)	

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OUR SUPPLIER

Our DF cable oil provider supplies dielectric fluid and works with world leading firms.



Global Plant Locations.

Location	Facility
France- Muille Villette	Blending/ Storage/ Decolourisation/ Dehydration/ Filling/ Packaging
France- Le Harve	Blending/ Storage/ Decolourisation/ Dehydration/ Filling/ Packaging
The Netherlands- Duerne	Warehousing
Belgium- Gent	Blending/ Storage/ Decolourisation/ Dehydration/ Filling/ Packaging
USA- Houston	Blending/ Storage/ Decolourisation/ Dehydration/ Filling/ Packaging



WHY CHOOSE DF 30 OIL

- Our DF 30 cable oil is tailored to not only meet but **exceed standards**.
- Decreased viscosity allows for better heat transfer from conductors as well as decreased risk of cable damage.
- Greater dielectric strength and breakdown voltage than Soltex DF 45
- Lower risk of electrical discharge in conduction insulation
- Extensive laboratory testing
- Extensive history of compatibility with PFT Technology as the medium of oil cable leak location

Specified and recommended for use with the HVDSA PFT Leak Detection System



For more information please
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