

**Petroleum Specialities FZE** 

Wholly owned subsidiary of Apar Industries ltd.



Powering Ahead

## **POWEROIL TO 20 BS**

POWEROIL TO 20 BS is an Uninhibited Transformer Oil meeting BS 148 Class I: 1984 Standard Specification.

Sr No	Characteristics	Unit	Test Method	Guaranteed Data	
				Min	Max
1	Appearance		Visual inspection of oil sample in transmitted light under a thickness of 10 cm at ambient temperature	Clear free from sediment and suspended matter	
2	Density at 20 ° C	g /ml	BS 4714		0.895
3	Kinematic Viscosity at 40 ° C	mm <sup>2</sup> /sec	BS 2000 Part 71		16.5
	at - 15 ° C				800
4	Flash Point, PMCC	° C	BS 2000 Part 34	140	
5	Pour Point	° C	BS 2000 Part 15		- 30
7	Neutralization value	mg KOH/ g	BS 2000 Part 1		0.03
8	Water Content, Bulk/ Drum, IBC	mg / kg	BS 6470		30 / 40
9	Breakdown Voltage		BS 5874		
	As Delivered	kV		30	
10	Dielectric Dissipation Factor (Tan δ )at 90 °C & 40 to 60 Hz		BS 573		0.005
11	Corrosive Sulphur Copper Strip, 140 ° C, 19 Hrs.		BS 5680 : 1979	Non Corrosive	
12	Anti-Oxidant additives	%	BS 5984 : 1980	Not Detectable	
13	Oxidation Stability at 120 ° C, 164 Hrs.		BS 148 : 1984 Appendix A		
	Total Acidity	mg KOH /g			1.5
	Sludge	%			1.0
14	Gassing Tendency at 50 Hz after 120 minutes	mm <sup>3</sup> / min	BS 5797 Method A		+ 5

Disclaimer: APAR makes no warrantees, representation or conditions of any kind expressed or implied for use with respect to these products. Final determination of suitability of the products for the application contemplated by the user is solely their responsibility.