

## DIESEL 500 PPM SPECS

Property	Units	Method	Limits (min/max)	SANS 342	*Typical Results
Density @ 20 °C	Kg/L	D4042/D1298	Min	0.800	0.8345
Appearance		D4176 or Haze Rating (17° to 23°)	Max	n/a	1
Colour ASTM		D1500	Max	n/a	1.5
Cetane Number		D613	Min	45	48
Kinematic Viscosity @ 40°C	cSt	D445	Max	2.2-5.3	3,689
Sulphur Content	Mg/Kg	D4294/D5453	Max	500	450
Cu Corrosion(3Hr @100°C) (1)	Rating	D 130	Max	1	1
Particulate Contamination	mg/Kg	IP 440	Max	24	3
Lubricity	µm	D6079/CEC-F-06 A	Max	460	320
R.C.R (10% Bottoms)	%m/m	D524	Max	0.2	0.05
Water	Ppm(v/v)	D6304/D4928/D4377	Max	500	100
Ash	%m/m	D482	Max	0.01	<0.01
90% Recovery	°C	D86	Max	362	355
<b>Neut Value</b>					
Strong Acid Number	mgKOH/g	D974	Max	n/a	Nil
Total Acid Number	mgKOH/g	D974	Max	0.25	<0.05
Oxidation Stability	mg/100ml	D2274	Max	2.0	0.8
Conductivity @ 20°C	pS/m	IP274/D2624	Min	n/a	200
Flash Point	°C	D93	Max	55	70
<b>Cold Filter Plugging Point</b>					
Summer (1 Oct to 14 March)	°C	IP 309	Max	3	-1
Winter (15 March to 30 Sept)	°C		Max	-4	-7