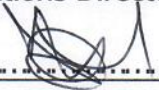


QC 001-2WP 	Title: Gasoil 50ppm Specifications	Pages: 1
	Prepared by : Quality Assurance Manager Signature..... 	Revision No. 00
	Approved by: Operations Director Signature..... 	Issue Date : November 2017

GASOIL/50 PPM DIESEL SPECIFICATIONS

Property	Units	Method	Min specs	Max specs
		ASTM		
Density at 20deg C	Kg/L	D4052	0.8161	0.8656
Cetane Index,		D4737	48.0	
Sulphur	% mass	D5453/ D4294/ D2622		0.005
Flash point	Deg C	D93	62*	
Kinematic Viscosity at 40 deg C	Centistokes	D445	2.2	4.5
Water content	% volume	D6304		0.02
Copper strip corrosion(3hrs at 100deg C)		D130		1.0
CFPP –Summer 1 Oct-31 Mar -Winter 01 Apr-30 Sep	deg C	IP 309		3 -4
Carbon residue , Ramsbottom (10% distillation residue)	% mass	D524		0.2
Ash Content	% mass	D482		0.01
Distillation 90% volume F.B.P	Deg C	D86		362 Report
Conductivity	PS/M	D2624	100	
Sediment	% mass	D1796		0.01
Total acid number	Mg (KOH)/g	D974		0.25
Oxidation Stability	Mg/100ml	D2274		2
Colour		D1500		2
Colour		Visual	Yellow	
Appearance		Visual	Bright and clear	Bright and clear
Strong acid number	Mg (KOH)/g	D974		Nil
Total Contamination	Mg/kg	IP 440		24
Lubricity, Wear Scan Diameter	Micron	D6079		460
Fatty Acid Methyl Ester, FAME	% Volume	D7371		Undetectable

* Local flash point specification is 57 Degrees Celsius