

## Product Specification (Diesel Fuel)

	Production Specifications Diesel Fuel					
	Notes	Units	Min.	Max.	ASTM/IP	ISO/OTHERS
Colour				2.0	1500	
Density @ 15°C	*	kg/m <sup>3</sup>	820	845	1298.4052	3675:98, 12185:96
Cetane Number	*		51		613	5165:95
Cetane Index	*		46		4737	4264:95
Distillation:					86	ISO 3405:2000
recovered @ 150°C		% v/v		2		
recovered @ 250°C	*	% v/v		<65		
recovered @ 350°C	*	% v/v	85			
Point @ 95% recovered	*	°C		360		
Flash Point (refinery free)	*	°C	56		93	EN 22719:93
Flash Point (depot free)		°C	55			
Polyaromatics (2 rings +)	*	% m/m		11	IP 391:95	
Viscosity @ 40°C	*	mm <sup>2</sup> /s	2.00	4.50	445	3104:94
Cloud Point, in summer		°C			2500.5772	EN 23015:94
Cloud Point, in winter		°C		0		
C.F.P.P, in summer	*	°C		-2	IP 309:96	EN 116:97
C.F.P.P, in winter		°C		-12		
Total Sulphur (refinery free)	*	mg/kg		320	3120.2622	14596:98, 8754:95
Total Sulphur (depot free)		mg/kg		350		EN 24260:94
Corrosion on Cu (3 h @ 50°C)	*	index		1	130	2160:98
Carbon Residue (on res. 10%)	*	% m/m		0.15	4530.189	10370:93
Water	*	mg/kg		200	1744	prEN ISO 12937:96
Ashes	*	% m/m		0.01	482	6245:93
Lubricating Power	*	Mm		460		ISO 12156-1:97
Acidity Number		mgKOH/g		0.30	974	
Stability on oxidation	*	g/m <sup>3</sup>		20.0	2274	12205:95
Total Contamination	*	mg/kg		15		EN 12662:98