

## SPECIFICATION of ULSD 10 ppm Diesel Fuel (EN590)

Property	Test method	Test Unit	Guarantee	Limit
Density at 15 0C		kg/m3		820-845
Polycyclic aromatic hydrocarbons	EN 12916	wt%	B	Max
Flash Point	EN 2719	0 C	>55	
Cold Filter Plugging Point CFPP	EN 116	0 C		
Winter Grade			-15	max
Summer Grade			5	max
Distillation	EN ISO 3405			
Recovered at 250C		Vol%	65	max
Recovered at 350C		Vol%	85	min
95% (Vol/Vol) Recovered at		0 C	360	max
Sulphur	EN ISO 20846 EN ISO 20884	mg/kg	10	max
Carbon Residue (on 10%residue)	EN ISO 10370	wt%	0.30	max
Viscosity at 40C	EN ISO 3104	cst	2.0-4.5	
Copper Strip Corrosion (3h a5 50C)	EN ISO 2160	rating	No.1	max
Fatty acid methyl ester(FAME) content	EN 14078	Vol%	7.0	max
Cetane Number	EN ISO 5161 EN 15195		51	min
Cetane Index	EN ISO 4264	calculated	46	min
Water	EN ISO 12937	mg/kg	200	max
Particulate Matter	EN 12662	mg/kg	24	max
Oxidation Stability	EN ISO 12205 EN 15751	g/m3 h	25 20	max min
Lubricity (wsd1,4) at 60C	EN ISO 12156/1	um	450	max