

KAZAKHSTAN / NETHERLANDS ORIGIN - EN590 (10PPM) ULSD DIESEL FUEL					
CHARACTERISTICS	UNIT	TEST RESULT		TEST METHOD	
		MIN	MAX	EN STANDARD	ASTM STANDARD
Cetane number	no	51		EN ISO 5165 EN 1519	D 613
Cetane Index	Index	46		EN ISO 4264	D 4737
Density at 15°C	kg/m ³	820	840	EN ISO 3675 EN ISO 12185	D 4052 D 1298
Polycyclic aromatic hydrocarbons	% m/m		11	EN 12916	
Sulphur content	mg/kg		10	EN ISO 20846 EN ISO 20884	
Distillation				EN ISO 3405;2000	D 86
- Recovered @150 65 °C	% Vol		2		
- Recovered @25085 °C	% Vol		65		
- Recovered @350 95 °C	% Vol	85			
- Recovered @95	°C		360		
Kinematic viscosity at 40°C	mm ² /s	2	4.5	EN ISO 3104	D 445
Flash point	°C	55		EN ISO 2719	D 93
Cold filter plugging point (CFPP):				EN116:1997	
(CFPP) Summer			-2		
(CFPP) Winter	°C	50	-12		
Cloud point:	°C			EN23015:1994	
Summer (1 April to 30 September)	cc	Report	Report		D 2500 D 5772
Winter (1 October to 31 March)	cc		+0		
Carbon residue (on 10% distillation residue)	% m/m		0.15	EN ISO 10370	D 4530
Lubricity, corrected wear scar diameter (corrected WSD 1,4) at 60°C	µm		460	EN ISO 12156-1	
Water content	mg/kg		200	EN ISO 12937	
Total, contamination (Solid particles)	mg/kg		15	EN 12662	
Ash content	% m/m		0.01	EN ISO 6245	D 482
Corrosion to copper (3h at 50°C)	Indice	1st Class	1st Class	EN ISO 2160	D 130
Oxidation stability	g/m ³		25	EN ISO 12205	D 2274
Oxidation stability (9)	hours	20		EN 15751	
FAME Content (10)	% VN		0	EN 14078	
Colour	ASTM scale		2		D 1500 D 6045
Aspect		Clear	Clear	Visual Inspection	D 4176
Biodiesel content	% Vol	4.5	7		
Electrical Conductivity	% m/m			ISO6297 IP274	D 2624
Total, Acidity	MgKOH/g				D 974-06