

Specification: Fuel Diesel "D2" (GOST 305-82)					
S/no.	Test Property	Unit	Limit / Range	Typical Result	Method
1	Additives				
1.1	Antioxidant in hydro processed fuel	Mg/L	Min	17	
1.2	Antioxidant in non hydro processed fuel	Mg/L	Max	24	
1.3	Static dissipater first doping ASA-3	Mg/L	Min	24	
1.4	Stadis 450	Mg/L	Min	1	
2	Combustion Properties				
2.1	Smoke Point	Mm	Min	18.4	D1322
2.2	Specific Energy, net	MJ/Kg	Min	19	D4868
2.3	Luminometer Number		Min	45	D1740
2.4	Naphthalenes	% Volume	Max	3	D1840
3	Composition				
3.1	Total Acidity	Mg KOH/g	Max	0.01	D3242
3.2	Aromatics	% Volume	Max	22	D1319
3.3	Sulphur, Total	% Mass	Max	0.3	D1266/2622
3.4	Sulphur, Mercaptan	% Mass	Max	0.003	D3227
3.5	Doctor, test			Negative ³	D4952
4	Volatility				
4.1	Initial Boiling Point	Centigrade	Max	Report	D86
4.2	10% Vol at C			240	
4.3	20% Vol at C			Report	
4.4	50% Vol at C			Report	
4.5	80% Vol at C			Report	
4.6	End Point	Centigrade	Max	300	
4.7	Recovered Residuals	% Volume	Max	1.5	
4.8	Loss	% Volume	Max	1.5	
4.9	Flash Point	Centigrade	Max	42	D56/3828
4.10	Density at 15 C	Kg/M3	Min/Max	776/856	D4052
5	Low Temperature				
5.1	Freezing Point	Centigrade	Max	-40	D2386
5.2	Corrosion, Copper Strip, rating 3h@ 50°C		Max	1B	D130
5.3	Color		Max	1.5	D1500
5.4	Haze Point		Clear and Bright @ ambient temperature		D4176
5.5	Viscosity @ 40 Deg C	mm ² /S (cSt)	Min/Max	1.9/4.1	D445
5.6	Cold Filter Plugging Point (CFPP)	Deg C	Summer/ Winter	-6 -12	D6371
5.7	Cetane Index		Min	41	D976
	1) Summer - March 1 - October 31				
	2) Winter - November 1 - February 29				
	3) If Doctor Test is positive then Mercaptan sulfur must be less than 30 PPM				