



دیزل 62-02 افغانستان



Specifications of Diesel Fuel (L0.2-62)

NU	TEST PARAMETERS	METHO D	UNIT	LIMITES	RESULT
1	Cetane Number, Min	ASTM D613/D6890		51	
2	Cetane Index	ASTM D976	-	According to Calculation	
3	Distillation	ASTM D86	°C	-	-
	10% Recovery	ASTM D86	°C	180-230	
	50% Recovery	ASTM D86	°C	230-280	
	90% Recovery	ASTM D86	°C	280-340	
	96% Recovery, max	ASTM D86	°C	360	
4	Kinematics viscosity at 40 °C	ASTM D445	mm ² /s	1.8-6.0	
5	Water content, max	ASTM D6304	mg/kg	200	
6	Flash point, min	ASTM D3828/D93/D2709	°C	62	
7	Sulfur content, max	ASTM D4294/D5453	%	0.2	
8	Mercaptans Sulfur Content, max	ASTM D3227/GOST17323	%	0.01	
9	Hydrogen sulfide, max	ASTM D5623/GOST17323	mg/kg	0.5	
10	Copper strip corrosion rating at 50°C	ASTM D130/GOST 32329	-	Class 3	
11	Content of Dissolved Water, Acids, and Alkalis	ASTM D664/D6304/D 2709	-	non	
12	Gum Content, mg per 100 cm ³ of Fuel, Max	GOST 8489	mg/cm ³	40	
13	Acidity, mg KOH per 100 cm ³ of Fuel, Max	ASTM D974/GOST5985	mg/cm ³	5	
14	Iodine Number, gr of iodine per 100 gr of fuel, Max	ASTM D5554/GOST2070	gr/ml	6	
15	Ash Content, Max	ASTM D482/GOST1461	%	0.01	
16	Carbon Residue(10% residue), max	ASTM D524/GOST32392	%	0.20	
17	Mechanical Particulate Content	GOST 6370	%	Not Present	
18	Cloud Point, max	ASTM D2500/D5772/D7689	°C	-7	
19	Cold Filter Plugging Point (CFPP), °C, Max	ASTM D6371/GOSTEN 116	°C	-10	
20	Density at 15°C	ASTM D1298/D4052	Kg/m ³	820-860	

The Cloud Point (CP) and the maximum Cold Filter Plugging Point (CFPP) are considered only for the winter season. Taking into account the climatic conditions in Afghanistan, the winter season in this standard is defined from the 15th of Qaws (approximately December 6) to the 15th of Hoot (approximately March 5), and the rest of the year is considered as summer."



دیزل سلفور 1500 پی پی ام



Specifications of low sulfur Diesel Fuel (1500 ppm)

NU	TEST PARAMETERS	METHOD	UNIT	LIMITES	RESULT
1	Cetane Number, min	ASTM D613/D6890		51	
2	Cetane Index	ASTM D976	-	According to Calculation	
	Distillation	ASTM D86	°C	-	-
3	10% Recovery	ASTM D86	°C	180-230	
	50% Recovery	ASTM D86	°C	230-280	
	90% Recovery	ASTM D86	°C	280-340	
	96% Recovery, max	ASTM D86	°C	360	
4	Kinematics viscosity at 40 °C	ASTM D445	mm ² /s	1.8-6.0	
5	Water content, max	ASTM D6304	mg/kg	200	
6	Flash point, min	ASTM D3828/D93/D2709	°C	55	
7	Sulfur content, max	ASTM D4294/D5453	mg/kg	1500	
8	Mercaptans Sulfur Content, max	ASTM D3227/GOST 17323	%	0.01	
9	Hydrogen sulfide, max	ASTM D5623/GOST 17323	mg/kg	0.5	
10	Copper strip corrosion rating at 50°C	ASTM D130/GOST 32329	-	1a	
11	Content of Dissolved Water, Acids, and Alkalis	ASTM D664/D6304/D 2709	-	non	
12	Gum Content, mg per 100 cm ³ of Fuel, Max	GOST 8489	mg/cm ³	40	
13	Acidity, mg KOH per 100 cm ³ of Fuel, Max	ASTM D974/GOST 5985	mg/cm ³	5	
14	Iodine Number, gr of iodine per 100 gr of fuel, Max	ASTM D5554/GOST 2070	gr/ml	6	
15	Ash Content, Max	ASTM D482/GOST 1461	%	0.01	
16	Carbon Residue(10% residue), max	ASTM D524/GOST 32392	%	0.20	
17	Mechanical Particulate Content	GOST 6370	%	Not Present	
18	Cloud Point, max	ASTM D2500/D5772/D7689	°C	-7	
19	Cold Filter Plugging Point (CFPP), °C, Max	ASTM D6371/GOST EN 116	°C	-10	
20	Density at 15°C	ASTM D1298/D4052	Kg/m ³	820-860	

The Cloud Point (CP) and Cold Filter Plugging Point (CFPP) are considered only for the winter season. Taking into account the climatic conditions in Afghanistan, the winter season in this standard is defined from the 15th of Qaws (approximately December 6) to the 15th of Ho ot (approximately March 5), and the rest of the year is considered as summer."



استندرد جديد بنزين- پترول افغانستان

Specification for Gasoline A92, A95 and A98



Test specification	Unit	Test method	Grade			Test Results
			A92	A95	A98	
Color	-	Visual	Visual	Visual	Visual	
Copper Corrosion	-	ASTMD-130	Class 1	Class 1	Class 1	
Density@ 15°C	Kg/m ³	ASTMD-1298	725-780	725-780	725-780	
Distillation	°C	ASTMD-86	-	-	-	
Initial Boiling Point (IBP)	°C	ASTMD-86	Report	Report	Report	
10%	°C	ASTMD-86	Max-65	Max 60	Max 55	
50%	°C	ASTMD-86	Max-110	Max 105	Max 100	
90%	°C	ASTMD-86	Max-180	Max 170	Max 160	
Final Boiling Point (FBP)	°C	ASTMD-86	Max-215	Max 215	Max 215	
Residue	%	ASTMD-86	Max-2	Max 2	Max 2	
Loss (evaporated volume)	%	ASTMD-86	Max-4	Max-4	Max-4	
70 °C	%	ASTMD-86	15-47	15-50	15-50	
100 °C	%	ASTMD-86	40-70	40-70	Max-70	
180 °C	%	ASTMD-86	Min-85	Min-85	Min-85	
Final Boiling Point (FBP)	°C	ASTMD-86	215	215	215	
Residue	%	ASTMD-86	Max-2	Max-2	Max-2	
RON	-	ASTMD-2699/2700	Min - 92	Min - 95	Min - 98	
MON	-	ASTMD-2699/2700	Min - 83	Min - 85	Min - 88	
RVP	KPa	ASTMD-323/GOST 28781	55-90	60-95	80-100	
Sulfur Content	%mass	ASTMD-4294/1266/2622	Max - 0.05	Max - 0.05	Max - 0.05	
Lead content	mg/dcm	ASTMD-3831/GOST 51942	Max- 0.010	-	-	
Gum content	mg/100cm ³	ASTMD-381	5.0	5.0	5.0	
Benzene content	%	ASTMD-4053/7576/4420	1.0	1.0	1.0	
Oxidation stability	-	ASTMD-525/GOST 4039	Min-360	Min-360	Min-360	

