

Fuel Test Results in Afghanistan

Test	Unit	Test Method	Standard/Limit	Result A	Result B	Result C	Result D	Result E	Result F
Color	-	Visual	Visual	Visual	Visual	Visual	Visual	Visual	Visual
Copper Corrosion @ 50°C	-	ASTM D130 / GOST 32329	1a	1a	1a	1a	1a	1a	1a
Density @ 15°C	kg/m ³	ASTM D1298 / D4052	820 – 860	819	822	818	818	818	817
Distillation (General)	°C	ASTM D86	—	—	—	—	—	—	—
– 10% Recovered	°C	ASTM D86	180 – 230	197.6	192.9	195.3	196.4	197.4	189
– 50% Recovered	°C	ASTM D86	230 – 280	239	231.8	236.1	239.4	239.7	229
– 90% Recovered	°C	ASTM D86	280 – 340	323.5	346.3	326.1	327.8	320.9	320
– 96% Recovered	°C	ASTM D86	360	373.5	397.5	375.7	377.5	365.4	363
Distillation Residue	%	ASTM D86	Max 2	1.9	2	1.9	1.9	1.8	1.4
Cetane Number	-	ASTM D613	Min 51	49	45.7	48.6	49.5	49.6	
Cetane Index	-	ASTM D976	By calculation	52	48.7	51.6	52.5	52.6	50.2
Flash Point	°C	ASTM D93	Min 55	64.5	62.5	63.5	64.5	64.5	62
Kinematic Viscosity @ 40°C	mm ² /s	ASTM D445	1.8 – 6	2.4	2.4	2.4	2.5	2.4	-
Sulfur Content	% mass	ASTM D2622	0.15	0.175	0.172	0.174	0.174	0.175	0.16
Cloud Point	°C	ASTM D2500	Max -7	-12	-12.9	-7.3	-11.8	-12.7	-
Cold Filter Plugging Point (CFPP)	°C	ASTM D4939	Max -10	—	-	-	-	-	-
Water Content	mg/kg	ASTM D6304	200	—	-	-	-	-	-
Import permit status				Rejected	Rejected	Rejected	Rejected	Rejected	Rejected