

Diesel

Oilload/> Analysis of 2000

Date: Aug. 2025/ Kurdistan Sul. OL TANK #94722

Afghanistan Updated Diesel Fuel Test Report – Sample No. (1)-By Oilload

Tests	Unit	Test Method	Afg. Standards	Oilload Result
Color	-	Visual	Visual	PASS
Copper Corrosion rating at 50°C	-	ASTM 130	Class 3	PASS
Density @15°C	Kg/m ³	ASTMD1298/4052	820-860	840
Distillation	°C	ASTM D 86	-	
- 10%	°C	ASTM D 86	180-230	200
- 50%	°C	ASTM D 86	230-280	250
- 90%	°C	ASTM D 86	280-340	310
- 96%	°C	ASTM D 86	360	360
Distillation Residue	%	ASTM D 86	Max 2	1.5
Cetan Number	-	ASTM D 613	Min 51	60
Cetan Index	-	ASTM D 976	According calculation	-
Flash Point	°C	ASTM D 93	Min 62	64
Kinematics Viscosity at 40°C	mm ² /s	ASTM D 445	1.8-6	4
Sulfur Contents	%Mass	ASTMD 2622	0.2	0.19
Cloud Point	°C	ASTM 2500	Max -7	-7
CFPP	°C	ASTM D 4939	Max -10	-10
Water Content	Mg/kg	ASTM D 6304	200	189

Diesel

Oilload/> Analysis of 1500

Date: Aug. 2025/ Kurdistan Sul. OL TANK #26458

Afghanistan Updated Diesel Fuel Test Report – Sample No. (2)-By Oilload

Tests	Unit	Test Method	Afg. Standards	Oilload Result
Color	-	Visual	Visual	PASS
Copper Corrosion rating at 50°C	-	ASTM 130/GOST32329	1a	PASS
Density @15°C	Kg/m³	ASTMD1298/4052	820-860	839
Distillation	°C	ASTM D 86	-	
- 10%	°C	ASTM D 86	180-230	198
- 50%	°C	ASTM D 86	230-280	248
- 90%	°C	ASTM D 86	280-340	307
- 96%	°C	ASTM D 86	360	360
Distillation Residue	%	ASTM D 86	Max 2	1.8
Cetan Number	-	ASTM D 613	Min 51	57
Cetan Index	-	ASTM D 976	Calc.	-
Flash Point	°C	ASTM D 93	Min 55	62
Kinematics Viscosity at 40°C	mm²/s	ASTM D 445	1.8-6	4
Sulfur Contents	%Mass	ASTMD 2622	0.15	0.14
Cloud Point	°C	ASTM 2500	Max -7	-7
CFPP	°C	ASTM D 4939	Max -10	-10
Water Content	Mg/kg	ASTM D 6304	200	175