

“APPROVED” by director of Seydi oil refinery plant /signature/ 15.08.2018
 /seal: Seydi oil refinery plant under Turkmenbashy oil processing complex /

PASSPORT No. __
Analysis of product quality for diesel fuel grade L-0.5-62
TDS (GOST) 305-82

<i>Item</i>	<i>Name of indicators of product quality according to ND</i>	<i>ND number governing the test procedure</i>	<i>Value of indicators of product quality by ND</i>	<i>Actual value</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>
1.	Cetane number, not less	TDS 3122-67	45	50
2.	Fractional composition - 50% is distilled at a temperature of °C, not a niche: -96% distilled at a temperature (end of distillation), °C, not higher:	TDS 1013-2017	280 360	243 360
3.	Kinematic viscosity at 20 °C, mm ² /s, (cSt)	TDS 1003-2017	3.0-6,0	3.2
4.	Freezing point, °C, not higher	TDS 966-2017 for standard p. 4.2 appendix	-10	-13.5
5.	Cloud point, °C, not higher	TDS 5066-91 (second)	-5	-6.0
6.	Temperature of the veins, defined on a closed crucible, °C, not lower For diesel and rip their diesels and gas turbines For general purpose diesel engines	TDS 6356-75	62 40	62
7.	Mass fraction of sulfur,% no more	TDS 19121-73	0,5	0.42
8.	Mass fraction of mercaptan sulfur,% no more	TDS 17323-71	0.01	-
9.	Content of Hydrogen sulfide	TDS 17323-71	Absent	-
10.	Copper plate test	TDS 6321-91	stand	stand
11.	Content of water-soluble acids in alkali	TDS 6307-75	Absent	Absent
12.	Concentration of actual resins, mg per 100 cm ³ , no more	TDS 8489-85	40	12.0



13.	Acidity, mg, KOH per 100 cm ³ of fuel, not more than	TDS 5985-79	5	3.6
14.	iodine number, g of iodine per 100 g of fuel, not more than.	IDS 2070-82	6	0.63
15.	Ash content,%, no more	TDS 1461-75	0,01	0.01
16.	Coking capacity 10% residue, %, max	TDS 19932-99	0,20	0.10
17.	Filterability coefficient % no more	TDS 19006-73	3	1.54
18.	Content of mechanical impurities	TDS 964-2017	Absent	Absent
19.	Water content %	TDS 956-2017	Absent	Absent
20.	Density at 20 °C, kg/m ³ , no more	TDS 996-2017	860	829.6
21.	Limiting filterability temperature °C	TDS 22254-92	-5	-6.0

Head of central laboratory /signature/

Chief laboratory officer /signature/

Date of issue /seal: Seydi oil refinery plant /