

**JSC “Naftan”, Novopolotsk**

PASSPORT № 1338

**DIESEL FUEL**

STB 1658-2015

Type **DT-L-K4 grade C**

Date of production: **01.08.2017**

Tank: № 455

Net weight: 12198 tonns

Registration number of sample: 35276

Lot number: 1599

No	Parameter description	Requirements according to TRLA	Factually	Test methods
1	Cetane number, min	51,0	52,5	STB ISO 5165-2014
2	Cetane index, min	46,0	54,6	STB ISO 4264-2003
3	Density at 15°C, kg/m <sup>3</sup>	820,0 - 845,0	836,1	STB ISO 12185-2007
4	Mass fraction of polycyclic aromatics hydrocarbons, % , max	8,0	4,4	GOST EN 12916-2012
5	Sulphur contents, mg/kg, max	50,0	31,5	STB ISO 20846-2005
6	Flash point in closed cup, °C max	55	78,0	STB ISO 2719-2002
7	Coking power of 10-% residue, %, max	0,30	0,01	GOST ISO 10370-2015
8	Ash contents, %, max	0,01	0,001	STB ISO 6245-2003
9	Water contents, mg/kg, max	200	31	STB ISO 12937-2003
10	Contents of mechanical impurities, mg/kg, max	24	6,3	STB EN 12662-2010
11	Copper plate testing (3 hrs at 50°C), class	Class 1	Class 1	STB ISO 2160-2003
12	Oxidation stability, g/m <sup>3</sup> , max	25	6	STB ISO 12205-2003
13	Lubricating property - wear scar diameter (WSD 1,4) at 60 °C, mcg, max	460	409	GOST ISO 12156-1-2012
14	Viscosity at 40°C, mm <sup>2</sup> \s	2,00 - 4,50	2,963	STB ISO 3104-2003
15	Distillation: - Distilled at 250 °C, %(vol.), less than - Distilled at 350 °C, %(vol.), min - 95% (vol) distilled at °C, max	65 85 360	27,5 97,1 343,5	GOST ISO 3405-2013
16	CFPP, °C, max	-5	-8	GOST EN 116-2013

**Conclusion: product corresponds to the requirements of STB 1658-2015.**

In production of Diesel fuel don't use FAME.

Warranty period – 1 year from a date of production.