

# JSC “Naftan”, Novopolotsk

PASSPORT № 514

## DIESEL FUEL

STB 1658-2015

Type **DT-L-K5 grade C**

Date of production: **20.03.2017**

Tank: № 460

Lot number: 514

Net weight: 10402 tonnes

Registration number of sample: 12262

No	Parameter description	Required as per TR of CU 013\2011	Required as per STB 1658-2015	Factually	Test methods
1	Cetane number, min	51,0	51,0	51,4	STB ISO 5165-2002
2	Cetane index, min	-	46,0	53,4	STB ISO 4264-2003
3	Density at 15°C, kg/m <sup>3</sup>	-	820,0-845,0	836,2	STB ISO 12185-2007
4	Mass fraction of polycyclic aromatics hydrocarbons, % , max	8	8,0	3,0	GOST EN 12916-2012
5	Sulphur contents, mg/kg, max	10	10,0	7,4	STB ISO 20846-2005
6	Flash point in closed cup, °C max	55	55	66,5	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	27	STB ISO 12937-2003
10	Contents of mechanical impurities, mg/kg, max	-	24	6,2	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	460	442	GOST ISO 12156-1-2012
14	Viscosity at 40°C, mm <sup>2</sup> /s	-	2,00-4,50	2,908	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	- - 360	65 85 360	33,6 94,6 351,1	GOST ISO 3405-2013
16	CFPP, °C, max	-	-5	-8	GOST EN 116-2013

Information about additives: contains lubricating additive EC-5719.

In the time of production of Diesel fuel don't use FAME, MMT and other additives with manganese.

Information on declaration of compliance: No TC BY/112 11.01. TP 013 002 03571, valid till 28.02.2021.

**Conclusion:** product corresponds to the requirements of STB 1658-2015 and technical regulations of CU 013/2011 (ecological class 5).

Warranty period – 1 year from a date of production.