

JSC “Naftan”, Novopolotsk

PASSPORT № 2528

DIESEL FUEL

STB 1658-2015

Type **DT-W-K4 grade F**

Date of production: **17.12.2016**

Tank: № 455

Net weight: 1840 tonns

Registration number of sample: 56014

Lot number: 2528

No	Parameter description	Requirements according to TRLA	Factually	Test methods
1	Cetane number, min	51,0	52,0	STB ISO 5165-2002
2	Cetane index, min	46,0	53,3	STB ISO 4264-2003
3	Density at 15°C, kg/m ³	820,0-845,0	835,0	STB ISO 12185-2007
4	Mass fraction of polycyclic aromatics hydrocarbons, % , max	8,0	6,5	GOST EN 12916-2012
5	Sulphur contents, mg/kg, max	50,0	30,7	STB ISO 20846-2005
6	Flash point in closed cup, °C max	55	68,0	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	29	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 ³ , max	25	7	STB ISO 12205-2003
13	Lubricating property - wear scar diameter (WSD 1,4) at 60 °C, mcg, max	460	424	GOST ISO 12156-1-2012
14	Viscosity at 40°C, mm ² /s	2,00 - 4,50	2,883	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	34,8 95,8 352,0	GOST ISO 3405-2013
16	CFPP, °C, max	-20	-21	GOST EN 116-2013

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

Diesel fuel contains depressant-dispersant Dodiflow 8055, lubricating additive DC 7739.

In production of Diesel fuel don't use FAME.

Warranty period – 1 year from a date of production.