**JSC “Naftan”, Novopolotsk**

PASSPORT № 514

**DIESEL FUEL**

STB 1658-2015

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

Date of production**: 20.03.2017**

Tank: № 460 Net weight: 10402 tonns

Lot number: 514 Registration number of sample: 12262

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| --- | --- | --- | --- | --- | --- |
| **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/m3 | - | 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/m3, 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, mm2/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.