

PASSPORT No123  
DIESEL FUEL

Type DT-Z-K5 class 2

Date of production: 22.01.2016

No	Parameter description	Required as per TR of CU 013\2011	Required as per STB 1658-2012	Actual value	Test methods
1	Cetane number, min	47	48,0	49,2	STB ISO 5165
2	Cetane index, min	-	46,0	49,4	STB ISO 4264
3	Density at 15°C, kg\m3	-	800,0-840,0	832,4	STB ISO 12185
4	Mass fraction of polycyclic aromatics hydrocarbons, % , max	8	8,0	3,5	STB EN12916
5	Sulphur contents, mg\kg, max	10	10,0	5,3	STB ISO 20846
6	Flash point in closed cup, °C max	30 min	55	62	STB ISO 2719
7	Cooking power of 10-% residue, %, max	-	0,30	0,01	STB ISO 10370
8	Ash contents, %, max	-	0,01	0,001	STB ISO 6245
9	Water contents, mg\kg, max	-	200	53	STB ISO 12937
10	Contents of mechanical impurities, mg\kg, max	-	24	7,0	STB EN 12662
11	Copper plate testing (3 hrs at 50°C) class	-	Class 1	Class 1	STB ISO 2160
12	Oxidation stability, g\m3, max	-	25	5,2	STB ISO 12205
13	Lubricating property - wear scar diameter (WSD 1,4) at 60 °C, mcg, max	460	460	384	STB ISO 12156-1
14	Kinematic viscosity at 40°C, mm2\s	-	1,50-4,00	2,10	STB ISO 3104
15	Distillation: - Distilled at 180 °C, %(vol.) less than - Distilled at 340 °C, %(vol.) min - 95% (vol) distilled at °C, max	- - 360	10 95 -	1,2 >95 314,7	STB ISO 3405
16	CFPP, °C, max	Minus 20	-32	-40	STB EN 116
17	cloud Point, C, not more		-22	-37	STB EN 23015

Information on additives: contains depressor- dispersion additive Dodiflow 8055, lubricating additive EC5719.

Information on declaration of compliance: No TC BY\112 11.01. TP013 002 01678, valid till 06.11.2019.

Conclusion: product corresponds to the requirements of STB 1658-2012 and technical regulations of CU 013\2011 (ecological class 5).