

OJSC Mozyr OR
PASSPORT No 999
STB 1658-2015 Motor Diesel Fuel DT-L-K5 grade C

Production date 16.06.2016
 Number of lot 999

Parameter	Units	Method of testing	Limit min	Limit max	Factual
1	2	3	4	5	6
1. Cetane number		STB ISO 5165	51,0	-	52,8
2. Cetane index		STB ISO 4264	46,0		56,0
3. Density at 15 °C	Kg\m ³	STB ISO 12185	820	845	827,3
4. Polycyclic aromatic hydrocarbons	% m	STB EN 12916	-	8,0	0,8
5. Sulfur content Type I Type II	Mg\kg	STB ISO 20846	- -	10 50	7,3
6. Flash point	°C	STB ISO 2719	More than 55	-	71
7. Carbon residue (of the 10% distillation residue)	%m	STB ISO 10370	-	0,30	0,01
8. Ash content	% m	STB ISO 6245	-	0,01	0,001
9. Water content	Mg\kg	STB ISO 12937	-	200	59
10. General contamination	Mg\kg	STB EN 12662	-	24	6,1
11. Copper test (3 hrs at 50 °C)	Evaluation	STB ISO 2160	Class 1	Class 1	Class 1
12. Oxidation stability	g\m ³	STB ISO 12205	-	25	10,0
13. Lubrication power, correction for wear spot diameter (WSD 1,4) at 60 °C	micron	STB ISO 12156-1	-	460	440
14. Viscosity at 40 °C	mm ² \s	STB ISO 3104-2003	2,00	4,50	2,724
15. Distillation: Distilled up to 250 °C \ Distilled up to 350 °C \ 95%(V\V) distilled up to\ °C	% vol.	STB ISO 3405-2003	- 85 -	65 - 360	37,5 93,8 356,4

Parameter	Units	Limits						Factual
		Grade A	Grade B	Grade C	Grade D	Grade E	Grade F	
Cold filter plugging point	°C max	5	0	-5	-10	-15	-20	-6