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Division of Corporations
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SPECIFICATIONS
Russian Origin the Fuel Oil M100 GOST 10585-99
MA3YT M-100

Characteristics of petroleum residue (ALL-UNION STATE STAN. 10585-99)	
Indices	Stamp of the fuel 100
1. Viscosity at 50 °C, not more:	
conditional, degrees °VU	-
or Kinematic, m ² / with (cCt)	-
2. Viscosity at 80 °C, not more:	
conditional, degrees °VU	16,0
or Kinematic, m ² / with (cCt)	118·10 ⁻⁶ (118,0)
3. Viscosity at 100 °C, not more:	
conditional, degrees °VU	6,8
or Kinematic, m ² / with (cCt)	50,0·10 ⁻⁶ (50,0)
4. Dynamic viscosity at 0 °C, the Pass, no more	-
5. Ash content, %, no more, for Fuel oil:	
low-ash	0,05
more ash	0,14
6. A mass fraction of the mechanical impurities, % no more:	1,0
7. A mass fraction of water, %, is not more	1,0
8. Content of water-soluble acids and alkalis	Absence
9. Mass fraction of sulphur, %, no more, for Fuel oil of kinds: (NOTE: BUYER TO CHOOSE WHICH SULPHUR GRADE IS DESIRED)	
I	0,5
II	1,0
III	1,5
IV	2,0
V	2,5
VI	3,0
VII	3,5
10. Coking property, %, is not more	-
11. Content of hydrogen sulfide	-
12. The temperature of flash, °C, is not lower:	
in the closed crucible	-
in the open crucible	110
13. Temperature of hardening, °C, not above	25
for Fuel oil from high - paraffinaceous crude oils	42
14. Heat of combustion (lowest) in the conversion to dry fuel- (not sorting), kJ/kg, not less, for Fuel oil of kinds:	
I, II, III and IV	40530
V, VI and VII	39900
15. Density with 20°[S], [kg]/[m] ³ , no more	It is not normalized. Determination is compulsory

* The only standard currently exists for Russian fuel oil (M100) is the GOST 10585-99, which brings together all previous rules.