

RUSSIAN MAZUT M100-99/GOST 10585-99**PRODUCT SPECIFICATIONS**

COMPONENT	RESULT
1. Ash content, not more %	0,14
2. Mass fraction of sulphur, not more % - low – sulphur – residual – oil	0,5
3. Temperature of the flash, not less °C in the closed crucible	< 65
In the open crucible °C	110 min
4. The temperature of solidification, not higher °C	25
5. Kinematics viscosity	118 max
6. Water content	0.5% max
7. Mechanical impurities	Lower than 0.1%
8. Acidity	Lower than 5 mg KOH/ 100ml
9. Alkalinity	Nil
10. Gross Calorific Value Kcal/kg / KJ/kg	Min9700/41300
11. Density at 15.0 deg. C Kg/l	0.8900-0.9200
12. Hydrogen Sulfide Content (H ₂ S) pom	0.5 max
13. Carbon Residua	Lower than 7%
14. Vanadium (V) ppm	23
15. Aluminum (Al) ppm	5
16. Silicon (Si) ppm	12
17. Nickel (Ni) ppm	29
18. Aspartames m/m	3.6%
19. Distillation @4 mm Hg	
Extracted to 760 mm Hg	
Initial Boiling Point deg. C	216
5% recovered deg. C	259
10% recovered deg. C	310
24% recovered deg. C	358
30% recovered deg. C	445
40% recovered deg. C	502
50% recovered deg. C	534
60% recovered deg. C	538
75% recovered deg. C	545
80% recovered deg. C	
90% recovered deg. C	
Final Boiling point deg. C	550
Percent Recovered vol	78%
Residue vol	22%
Total Nitrogen m/m	0.192%
20. Sodium (Na) ppm	15

Above are GOST Parameters. Actual product in shipment shall not exceed GOST Standards.

. "Actual" characteristics of product shall be within required GOST parameters for GOST 10585-99 Category 1 Mazut Fuel Oil.

Please Note:

With regard to MAZUT M100-75/GOST 10585-75. The GOST number 10585-75 was replaced in the Russian Industry Standards and Technical Regulations Catalog, # 75.160.20 on October 20, 2005, with the GOST number 10585-99. There is only one Mazut M100 product, and that is M100/99 GOST number 10585-99. M100 is however graded according to its percentage of mass fraction sulfur content. The grades are 1 through 7, with 1 being the lowest sulfur content of 0.5%, and 7 being the highest sulfur content at 3.5%