

Specifications for Heavy Fuel Oil / MAZUT M100 (GOST 10585-75)

COMPONENT	RESULT
1. Ash content, not more %	0,14
2. Mass fraction of sulphur, not more % – low – sulphur –	0,5
3. Temperature of the flash, not less °C in the In the open crucible °C	closed crucible 110 min
4. The temperature of solidification, not higher °C	25
5. Kinematics viscosity at 50°C	118 max
6. Water content	0.50%
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	0.8900.9200
12. Hydrogen Sulfide Content (H ₂ S) pom	0.5 max
13. Carbon Residua	Lower than 7%
14. Vanadium (V) ppm	23
15. Aluminium (Al) ppm	5
16. Silikon (Si) ppm	12
17. Nickel (Ni) ppm	29
18. Asphaltenes m/m	3.60%
19. Destilation @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	-
95% recovered deg. C	550
Final Boiling point deg. C	560
Percent Recovered vol	78%
Residue vol	22%
Total Nitrogen m/m	0.19%
20. Sodium (Na) ppm	15