

## SPECIFICATION

### Mazut M-100 Specs, GOST 10585-75

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 °C .....	65 min
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
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 Min .....	9200/41300
11. Density at 15.0 °C Kg/.....	0.8900-0.9200
12. Hydrogen Sulfide Content (H <sub>2</sub> S) pom .....	0.5 max
13. Carbon Residual Lower than % .....	7
14. Vanadium (V) ppm .....	23
15. Aluminium (Al) ppm .....	5
16. Silikon (Si) ppm .....	12
17. Nickel (Ni) ppm .....	49
18. Asphaltenes m/m % .....	3.6
19. Destillation at 4 mm Hg	
Extracted to 760 mm Hg	
Initial Boiling Point °C .....	216
5% recovered °C .....	259
10% recovered °C .....	310
20% recovered °C .....	358
30% recovered °C .....	445
40% recovered °C .....	502
50% recovered °C .....	534
60% recovered °C .....	538
75% recovered °C .....	545
80% recovered °C -	
90% recovered °C -	
Final Boiling point °C .....	550
Percent Recovered vol % .....	78
Residue vol %.....	22
Total Nitrogen m/m % .....	0.192
20. Sodium (Na) ppm .....	15