

ПРИЛОЖЕНИЕ № 1 / APPENDIX NO. 1

СЕРТИФИКАТ КАЧЕСТВА ТОПОЧНОГО МАЗУТА МАРКИ М100, РОССИЙСКОГО ПРОИСХОЖДЕНИЯ (ГОСТ 10585-99). / SPECIFICATION OF RUSSIAN ORIGIN LOW SULPHUR FUEL OIL MAX 1%) MAZUT M100 (GOST 10585-99).

COMPONENT	RESULT	MIN	MAX
1. Ash content, not more %	0.14		
2. Mass fraction of sulphur, not more	0.5%		1.0
3. Temperature of the flash, In the Close crucible	68°C	65°C	
In the open crucible °C	115°C	110°C	
4. The temperature of solidification, not higher °C	23°C		25°C
5. Kinematics viscosity at 50°C	116		118°C
6. Water content	0.45%		0.5%
7. Mechanical impurities Lower than	0.08%		0.1%
8. Acidity Lower than	3.2mg KOH/ 100ml		5.00
9. Alkalinity	Nil		
10. Gross Calorific Value	9700/41300 Kcal/kg / KJ/kg		
11. Density at 15.0 deg. C Kg/l	0.9105	0.8900	0.9200
12. Hydrogen Sulfide Content (H2S) ppm	0.35 max		0.50
13. Carbon Residual	5%		7%
14. Vanadium (V) ppm	123		
15. Aluminum (Al) ppm	5		
16. Silikon (Si) ppm	12		
17. Nickel (Ni) ppm	49		
18. Asphaltenes m/m	3.6%		
19. Distillation @4 mm Hg			
Extracted_to_760_mm_Hg			
Initial Boiling Point deg. C	216°C		
5% recovered deg. C	259°C		
10% recovered deg. C	340°C		
20% recovered deg. C	358°C		
30% recovered deg. C	445°C		
40% recovered deg. C	502°C		
50% recovered deg. C	534°C		
60% recovered deg. C	538°C		
75% recovered deg. C	545°C		
80% recovered deg. C			
90% recovered deg. C			
Final Boiling point deg. C	550°C		
Percent Recovered vol.	78%		
Residue vol.	22%		
Total Nitrogen m/m	0.192%		
Sodium (Na) ppm	15ppm		