

APPENDIX 1
DERIVED PRODUCT - MAZUT
ORIGIN - RUSSIA
SPECIFICATIONS OF: RUSSIAN FUEL OIL M-100 GOST 10585-75 NICKEL 29

SPECIFICATION OF HEAVY FUEL OIL MAZUT M100		GOST 10585/75
		COMPONENT RESULT
1. ASH CONTENT, NOT MORE %		0.14
2. MASS FRACTION OF SULPHUR, NOT MORE %		0.5
- LOW - SULPHUR - RESIDUAL - OIL		
3. TEMPERATURE OF THE FLASH, NOT LESS °C IN THE		CLOSED CRUCIBLE
IN THE OPEN CRUCIBLE °C		110MM
4. THE TEMPERATURE OF SOLIDIFICATION, NOT HIGHER °C 25		
5. KINEMATICS VISCOSITY AT 50°C		118 MAX
6. WATER CONTENT 0.5%		
7. MECHANICAL IMPURITIES		LOWER THAN 0.1 %
8. ACIDITY LOWER THAN 5MA KOH/LOOML		
9. ALKALINITY		NIL
10. GROSS CALORIFIC VALUE KCAL/KQ I KJ/KA		MIN9200/41 300
11. DENSITY AT 15.0 DEG C (°C) KALL		0.890-0.9200
12. HYDROGEN SULFIDE CONTENT (H2S) OOM		0.5 MAX
13. CARBON RESIDUA		LOWER THAN 7%
14. VANADIUM (V) PPM 30 MAX		
15. ALUMINIUM	(Al) PPM	5
16. SILICON (Si) PPM 12		
17. NICKEL (Ni) PPM		29
18. ASPHALTENES M/M 3.6%		
19. DESTILATION @4 MM HA		
EXTRACTED TO 760 MM HA		
INITIAL BOILING POINT DEG C (°C)		216
	5% RECOVERED DEG C (°C)	259
	10% RECOVERED DEG C (°C)	310
	20% RECOVERED DEG C (°C)	358
		445
	30% RECOVERED DEG C (°C)	502
	40% RECOVERED DEG C (°C)	534
		538
	50% RECOVERED DEG C (°C)	545
	60% RECOVERED DEG C (°C)	-
		-
	75% RECOVERED DEG C (°C)	-
	80% RECOVERED DEG C (°C)	550
		78%
	90% RECOVERED DEG C (°C)	
	FINAL BOILING POINT DEG C (°C)	
	PERCENT RECOVERED VOL	
	RESIDUE VOL 22%	
TOTAL NITROGEN M/M		0.192%
SODIUM (Na) PPM 15		

PANTONE 497

<=1.6