

SPECIFICATION OF MAZUT 100 GOST- 10585- 75

ITEM	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%
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		Min9200/ 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 Residual		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		3.6%
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
		20% 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.n C	550
		Percent Recovered vol	78%
		Residu vol	22%
		Total Nitrogen m/m	0.192%
20.	Sodium (Na) ppm		15