



**Brilliant Petroleum Company**  
20 Promenade Place  
Voorhees, New Jersey 08043  
Phone: (609) 509-6822

Email: [info@brillpetco.com](mailto:info@brillpetco.com)  
Website: <http://brillpetco.com>

## MAZUT 100 GOST 10585-99 Specifications

Fuel oil mazut 100 is supplied according to the Russian technical specification GOST 10585-99, section for fuel oil, mazut sort 100. This kind of oil is graded as the heavy furnace oil. The product is produced from the remains of raw oil processing. This kind of mazut is produced only from the low sulphur raw oil. Origin country for this kind of mazut is only Russia. It is very limited volume of this mazut available for export from Russia because of the following reasons:

- 1) There is limited number of producers in Russia, who produce this kind of mazut. All of them are the big Russian oil companies, like Lukoil, Rossibneft, etc.
- 2) Minimum half of the produced volume is sold on the domestic market of Russia and CIS.
- 3) Most of the volumes for export are sold according to the state quotes to the state companies abroad.
- 4) The remaining export volumes are sold by the daughter commercial organizations of the oil producers to the highest bidder with the number one buyer being China.

Mazut M100 (GOST 10585/75)
ash content not more 0.14%
mass fraction of sulphur ,not more % -low-sulphur-residual-oil 0.5
temperature of the flash,not less c in the closed crucible >65
in the open crucible c 110min
the temperature of solidification, not higher c 25
kinematics viscosity at 50 c 118max
water content 0.5%
mechanical impurities lower than 0.1%
acidity lower than 5mg koh/100ml
alkalinity nil
gross calorific value kcal/kg/kj/kg min 9200/41300
density at 15.0 deg c kg/l 0.890-0.9200
hydrogen sulfide content(h <sub>2</sub> s) pom 0.5max
carbon residua lower than 7%
vanadium(v) ppm 23
aluminium(al)ppm 5
silicon(si) ppm 12
nickel(ni)ppm 49
asphaltenes m/m 3.6%
distillation @ 4 mm hg
extracted to 760mm hg
initial boiling point deg.c 216
total nitrogen m/m 0.192%
sodium(na)ppm 15