



SPECIFICATION

FUEL OIL GRADE M100 RUSSIAN STANDARD GOST 10585-75

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No.	Compo	Result
1	Ash content, not more %	< 0.14%
2	Mass fraction of Sulphur, not more %	< 0.5%
3	Temperature of the flash, not less °C in the closed crucible In the open crucible	85 min 110 min
4	The temperature of solidification, not higher °C	25
5	Kinematics viscosity at 80°C	118 max
6	Water content	0.50%
7	Mechanical impurities	0.1%
8	Acidity KOH/100ml. lower than	5 mg
9	Alkalinity	Nil
10	Gross calorific value kcal/kg/KJ/kg	9700/41300
11	Density at 15.0°C kg/l	0.89-0.92
12	Hydrogen sulfide content (H ₂ S) ppm	0.5 max
13	Carbon residual, lower than	7%
14	Vanadium (V) ppm	23
15	Aluminum (Al) ppm	5
16	Silicon (Si) ppm	12
17	Nickel (Ni) ppm	29
18	Sodium (Na) ppm	15
19	Asphaltenes m/m	3.6%
20	Distillation @ 4mmHg extracted to 760mmHg: Initial boiling point °C 5% recovered °C 10% recovered °C 20% recovered °C 40% recovered °C 60% recovered °C 75% recovered °C 90% recovered °C Final boiling point °C Percent recovered vol Residue vol Total nitrogen m/m	216 259 310 358 502 538 545 --- 550 78% 22% 0.192%

АПЕК ПАСИФИК ЭНЕРЖИ КОРПОРАЙШН

APEC Address:

Bld.3'3 Kostina ST. 603000 Nighnovgorod-Russia

TEL:

+79101044964

+79524578369

Fax: +603-21815007

Email:

Info@apecholding.com