**GENERAL SPECIFICATIONS OF RUSSIAN VIRGIN FUEL OIL D6**

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| **Method Units** | **Test** | **Result** | **Unit** |
| ASTM D5002 | Density and Relative Density of  Crude Oils  Average API Gravity | 29.7 (29.7) (Min) | API |
| ASTM D1298-99 | Density [@1](mailto:@15)5 Deg C | 0.87 (0.8775) (Max) | Kg/t |
| ASTM D97 | Pour Point of Petroleum Products  Pour Point  Pour Point | < -33 (-36) (BELOW ZERO)  < -27.4 (-32.8) (BELOW ZERO) | °C  °F |
| ASTM D93-IP34 | Pensky-Martens Closed Cup Flash  Point  Corrected Flash Point | 117 (137) (MIN) | °F |
| ASTM D4294 | Sulfur Content in Petroleum  Products by EDXRF  Sulfur Content | 0.38 (0.358) (MAX) | Wt% |
| ASTM D445 | Kinematic/Dynamic Viscosity  Kinematic Viscosity @ 122°F / 50°C | 17.83 (18.12) (MAX) | Mm2/s |
| ASTM D6304 | Water Content by Coulometric  Karl Fisher Titration  Water Content | 0.20 (0.7) (MAX) | Wt% |
| ASTM D482 | Ash from Petroleum Products  Average Ash | 0.279 (1.007) (MAX) | Wt% |
| ASTM D2161 | Conversion of Kinematic Viscosity To SUS/SFS 1Saybolt furoi viscosity 122°F | 10.9SFS | (MAX) |
| ASTM D5184 | Aluminum and Silicon in Fuel Oils by ICP-AES or AAS  Aluminum Content  Silicon Content | 102 (MAX)  93 (MAX) | Mg/kg  Mg/kg |
| ASTM D95 | Water by Distillation, Vol% | 0.70 (MAX) | Vol% |
| ASTM D4530.06 | Carbon Residue | 1.11 (MAX) | Wt% |
|  | | | |
| **Method Test Result Units** | | | |
| IP 143 Asphlteness Heptane lnsolubles | | | |
|  | Asphaltene Content | 0.08 | Wt% |
| IP 501 Determination of AL,Si,V,Ni,Fe,Na,Ca,Zn,P in Fuel Oil-ICPES | | | |
|  | Aluminium Silicon Sodium Vanadium Calcium Zinc  Phosphorus  Iron | 372  187  117  1  779  298  4176  545 | mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg |