

TANECO Diesel Fuel

interseasonal grade, type E, emission standard K5 EURO (DT-E-K5)

No	Quality parameter	Unit	Standard limits acc. to Requirements document	Standard limits acc. to Technical regulations	Test Method
1	Cetane number	-	min. 51,0	min. 51	GOST R EN 15195
2	Cetane index	-	min. 46,0	-	ASTM D 4737
3	Density at 15 °C	kg/m ³	800,0 – 845,0	-	GOST R 51069
4	Polycyclic aromatic hydrocarbon content	%	max. 8,0	max. 8	GOST EN 12916
5	Sulphur content	mg/kg	max. 10,0	max. 10	ASTM D 2622
6	Flash point, closed cup	°C	min. 55	min. 55	GOST 6356
7	Coking capacity of 10% distillation residue	%(mass)	max. 0,3	-	ASTM D 4530
8	Ash content	%(mass)	max. 0,01	-	GOST 1461
9	Water content	mg/kg	max. 200	-	EN ISO 12937
10	General contamination	mg/kg	max. 24	-	EN 12662
11	Corrosion of copper plate (3 h at 50 °C)	units	Class 1	-	ASTM D 130
12	Oxidation stability: general quantity of residue	g/m ³	max. 25	-	EN ISO 12205
13	Lubricity: corrected wear scar at 60 °C	mym	max. 460	max. 460	GOST R ISO 12156-1
14	Kinematic viscosity at 40 °C	mm ² /sec	2,000 – 4,500	-	GOST 33
15	Distillation: distilled at 250 °C distilled at 350 °C 95% (vol) distilled at temperature	% vol. %vol. °C	less than 65 min. 85 max. 360	- - max. 360	GOST ISO 3405 (EN ISO 3405)
16	Max. filtration temperature	°C	max. minus 15	max. minus 15	EN 116

Additional information:

1. Distillation acc. to ISO 3405 (acc. to letter No.2412/13-13 dd 10.06.2015):
Distillation percentage at 210 °C: 5%.
2. Cloud point acc. to EN 23015: minus 6 °C
3. Pour point acc. to GOST 20287: minus 60 °C
4. The diesel fuel oil contains following additives:
 - anti-wear "Oli 5500" additive, quantity – upto 0,03% mass;
 - depressor – dispersing additive "Keroflux 5686", quantity – upto 0,05% mass.