

Motor diesel fuel EN 590 grade F 10 ppm

№	Parameters	Factual value	Test methods
1	Cetane number, min	51,0	ISO 5165-2002
2	Cetane index, min	46,0	ISO 4264-2003
3	Density at 15°C, kg/m ³	820,0 - 845,0	ISO 12185-2007
4	Polycyclic aromatic hydrocarbons, % m, max	8,0	EN 12916-2011
5	Sulfur content, mg/kg, max	10	ISO 20846-2005
6	Flash point, °C, min	55	ISO 2719-2002
7	Carbon residue (of the 10% distillation residue), %m, max	0,30	ISO 10370-2003
8	Ash content, % m, max	0,01	ISO 6245-2003
9	Water content, mg/kg, max	200	ISO 12937-2003
10	General contamination, mg/kg, max	24	EN 12662-2010
11	Copper corrosion activity (3 hrs at 50 °C), units per scale	класс 1	ISO 2160-2003
12	Oxidation stability, g/m ³ , max	25	ISO 12205-2003
13	Lubrication power, correction for wear spot diameter (WSD 1,4) at 60 °C, mkm, max	460	ISO 12156-1-2011
14	Viscosity at 40 °C, mm ² /s	2,00 - 4,50	ISO 3104-2003
15	Distillation: Distilled up to 250 °C, % v, max	65	ISO 3405-2003
	Distilled up to 350 °C, % v, max	85	
	95%(V\V) distilled up to °C, max	360	
16	Filterability temperature limit, °C, max	-20	EN 116-2002
17	Fuel cloud point, °C, max	-5	GOST 5066-91 (method B)
18	Freezing point, °C, max	Not rated	GOST 20287-91