



Brilliant Petroleum Company

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D2 Gost 305-82 Specifications

In general is any fuel used in diesel engines. The most common is a specific fractional distillate of petroleum fuel oil, but alternatives that are not derived from petroleum, such as biodiesel, biomass to liquid (BTL) or gas to liquid (GTL) diesel, are increasingly being developed and adopted. To distinguish these types, petroleum-derived diesel is increasingly called petrodiesel.

Cetane index, min	45
Distillation, degrees C	
50% max	280
99% (final boiling point) max	360
Kinematic Viscosity at 20C, square mm/c, (cst)	3.0 – 6.0
Sulphur, min / max, %	0.02 - 0.05
Mercaptan sulphur, max %	0.01
Hydrogen sulphide	abs.
Copper strip test	Passes
Water soluble acids and alkalis	Abs
Actual gum content, mg/100 cubic cm, max	40
Acidity, mg/100 cm ³ , max	5
Iodine number, g/100g, max	6
Ash, %, max	0.01
Capability of 10% residue, max, %	0.20
Filtration index (before introduction of do pant), max	3
Sediments	Abs
Water	Abs
Density at 20 deg. C, kg/m ³ , max	0.860
Flash point (Closed cup) degrees C. min	62
Pour point from March to October (summer), degrees C, max	-5
Pour point from November to February (winter), degrees C. max	-10
Cloud point from March to October (summer), degrees C, max	0
Cloud point from November to February (winter), degrees C. max	-5

The product should be guaranteed by Seller not to contain bacteria and other living organism contamination above normal level (1000 CFU/l).