B 91/115

Guaranteed technical properties

Aviation gasoline B 91/115 is produced according to stringent manufacturing specifications and meets the requirements of standard GOST 1012-72 and WT-06/OBR PR/PD/60.

Colour		Green
Knock rating		
Motor Octane Number, MON		Min 91
Performance Number, PN		Min 115
Distillation		
Initial boiling point	°C	Min 40
10% vol. at	°C	Max 82
50% vol. at	°C	Max 105
90% vol. at	°C	Max 145
97,5% vol. at	°C	Max 180
Residue	% (v/v)	Max 1,5
Loss	% (v/v)	Max 1,5
Total sulphur	mg/kg	Max 300
Lead content	gPb/l	Max 1,60
Tetraethyl lead content	g CEO/kg	Max 2,5
Density at t=15 °C	kg/m3	Report
Speci c energy	MJ/kg	Min 42,947
Freezing point	°C	Max (-60)
Copper strip corrosion		
2h at t=100°C	Corrosion level	Max 1
Existent gum	mg/100ml	Max 3
Iodine number	gJ2 /100 g	Max 2,0
Aromatic hydrocarbons content	% (m/m)	Max 35
Reid vapour pressure at 37,8°C	kPa	29,3 - 48,0
pH of the water solution	-	Neutral
Acidity	mg KOH/100 cm^3	Max 0,3
Oxidation resistance		
method of induction period	mg/100 ml	Max 6

Characteristics

Aviation gasoline B 91/115 is a mixture of hydrocarbons prepared by the processing of crude oil. It contains antiknock, antioxidant, dye and antistatic additives.

Application

Aviation gasoline B 91/115 is used to power piston-engine aircraft.

Stability

Properly stored aviation gasoline meets requirements of the above specification in a period of not less than 24 months from the date of manufacture.

Classification and labeling

According to the data sheet.
ADR - UN 1203 MOTOR FUEL (GASOLINE), 3, II, (D/E)
CN CODE - 27101231

Phrases R: 11, 33, 45/23/24/25, 46, 48/20/21/22, 51/53, 61, 62, 65

Phrases S: 9,16, 36/37, 38, 45,53