



Rosneft Basic Grade

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Base oils Rosneft Basic Grade are characterized by an advanced degree of purification, improved thermo-oxidative and environmental characteristics, as well as good compatibility with other groups of base oils with excellent additivity to additives.

TYPICAL PARAMETERS

Specification Test	Test method	Rosneft Basic Grade	
		450N	1200N
Density at 20 °C, kg/m ³	ASTM D 4052 (GOST 3900)	886	895
ASTM Color	ASTM D 1500 (GOST 20284)	2,5	3
Flash Point, COC, °C	ASTM D 92 (GOST 4333)	238	262
Kinematic Viscosity at 100 °C, mm ² /s	ASTM D 445 (GOST 33)	10,96	19,8
Pour Point, °C	GOST 20287, procedure B	-16	-16
Viscosity Index	ASTM D 2270 (GOST 25371)	90	-
Ash content, %	ASTM D 482 (GOST 1461)	Absence	0,002
Water content, wt %	GOST 2477 ASTM D 95	Absence	
Total Acid Number, mg KOH/g	ASTM D 664 (GOST 11362)	0,01	0,01
Conradson carbon residue, wt %	ASTM D 189 (GOST 19932) ASTM D 4530	0,12	0,31
Noack Evaporation Loss, wt %	ASTM D 5800, Procedure A (GOST 32330, method A)	9,3	3,1
Sulfur content, wt %	ASTM D 4294 (GOST 1437)	0,2	0,4

Specification Test	Test method	Rosneft Basic Grade	
		450N	1200N
Mechanical impurities, wt %	ASTM D 2273 (GOST 6370)	Absence	
Refining solvent content	GOST 1057	Absence	
PCA content (DMSO Method), wt %	IP346	less than 1	
Auto-ignition point, °C	GOST 12.1.044	358	389
Appearance	Observation	Bright and clear	