

Group I Base Oil SN 150

Technical specifications

Specification limits and measured results are separate. Results apply to the source sample or batch and may vary between deliveries.

Parameter / unit	Specification	Measured result	Test method
Kinematic viscosity at 100 °C, in range (cSt)	4,50 - 5,50	5.46	GOST33
Viscosity Index. min	92	102	GOST25371
Conradson carbon residue, max (wt %)	0,05	0,03	GOST 19932
Total acid number. mg KOH/g, max	0,008	0,008	GOST 11362
Mechanical impurities (wt %)	Absence	Absence	GOST6370
Water content, max (wt %)	Traces	Absence	GOST 2477
Water content, max (mg/kg)	150	25	ASTM D 6304
Flash Point, COC, min (°C)	210	216	GOST4J33
Pour point. °C, max	Minus 9	Minus 15	GOST 20287
Color (CNT Color Scale), max	1,5	0,5	GOST 20284
Sulphur content, max (wt %)	0,50	0,30	ASTM D 6481
Selective solvents content	Absence	Absence	GOST IOS7
Selective solvents content	Absence	Absence	GOST33093
Density at 20 °C, max (kg/m3)	Report (not standardized)	860,7	GOST3900
Density at 15 °C, max (kg/m3)	Report (not standardized)	864,2	GOST R 51069
Noack Evaporation Loss, max (wt %)	16,0	15,6	ASTM D5800
Appearance	Bright and clear liquid without foreign substances	Bright and clear liquid without foreign substances	Visual
Self-ignition point. °C (min)	165	340	GOST 12.1.044

Source document: DP Base Oil SN 150.pdf