

Group II Base Oil HVI 4

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)	4,00 - 4,60	4,45	GOST 33
Viscosity Index, in range	105-119	116	GOST 25371
CCS apparent viscosity at -30°C, max (mPa·s)	2700	1983	GOST 33111
Noack Evaporation Loss, max (wt %)	15,0	13,6	GOST 32330
Sulphur content, max (mg/kg)	10	4	GOST 32139
Flash Point, COC, min (°C)	210	214	GOST 4333
Pour point, max (°C)	Minus 12	Minus 26	GOST 32463
Mechanical impurities (wt %)	Absence	Absence	GOST 6370
Water content, max (wt %)	Traces	Absence	GOST 2477
Water content, max (mg/kg)	150	49	GOST R 54281
Color, max	0,5	0,5	GOST 20284
Density at 15 °C (kg/m3)	Report (not standardized)	840,2	GOST R 57037
Selective solvents content (wt %)	Absence	Absence	GOST 33093
Appearance	Bright and clear liquid without foreign substances	Bright and clear liquid without foreign substances	Visual
Saturates, % (min)	95	99	ASTM D 7419
Self-ignition point, min (°C)	165	354	GOST 12.1.044

Source document: DP Base Oil HVI 4.pdf

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Additional HVI 4 sample certificate

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)	4,00 - 4,60	4,311	GOST 33
Viscosity index, min	105	115	GOST 25371
CCS apparent viscosity at -30°C, max (mPa·s)	2700	2142	GOST 33111
Noack Evaporation Loss, max (wt %)	15,0	11,4	GOST 32330
Sulphur content, max (mg/kg)	10	5	GOST 32139
Flash Point, COC, min (°C)	210	230	GOST 4333
Pour point, max (°C)	Minus 15	Minus 21	GOST 20287
Pour point, max (°C)	Minus 12	Minus 19	GOST 32463
Mechanical impurities (wt %)	Absence	Absence	GOST 6370
Water content, max (wt %)	Traces	Absence	GOST 2477
Water content, max (mg/kg)	150	51	GOST R 54281
Color, max	0,5	0,5	GOST 20284
Density at 15 °C (kg/m3)	Report (not standardized)	841,2	GOST R 57037
Selective solvents content (wt %)	Absence	Absence	GOST 33093
Appearance	Bright and clear liquid without foreign substances	Bright and clear liquid without foreign substances	Visual
Saturates, % (min)	95	99	ASTM D 7419
Self-ignition point, min (°C)	165	378	GOST 12.1.044

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