

GROUP III 4 sCt

VHVI-4

Base oils

DESIGNATION AND DESCRIPTION

Base oils are intended for the most commercial lubricants production.

ADVANTAGES

- high oxidation stability
- good susceptibility to the additives
- low sulfur content
- excellent viscosity-temperature characteristics

	Properties	Test Method	STO limit
	Kinematic Viscosity at 100 °c, mm ² /s	GOST 33-2016 ASTM D 445-15a	3.8-4.5
2.	Viscosity Index	GOST 25371 ASTM D 2270	Min 120
3.	Noack Evaporation Loss, %	ASTM D 5800-03a (Procedure B)	Max 14.0
4.	Sulphur Content, mg/kg	ASTM D 5453-12 ASTM D 2622-16	Max 10
5.	Flash Point, COC, °c	GOST 4333-2014 ASTM D 92-12b	Min 200
6.	Pour Point, °c	GOST 20287-91 (Metod B) ASTM D 97-16	Max minus 15
7.	Content of mechanical impurities,	GOST 6370-83	Absence
8.	Water content, %	GOST 2477-2014	Max Traces
9.	Color of Petroleum Products (ASTM color scale)	ASTM D 1500-12	Max 0.5
10.	Density at 15 °c, kg/m ³	GOST R 51069-97 ASTM D 4052-11	—
II.	Selective solvents content, 0/0	GOST 33093-2014	Absence

12.	Appearance	Visual	B&C
13.	Saturates, %	ASTM D 7419-13	Min 95
14.	Dynamic Viscosity (CCS) at -30 C mPa*s	ASTM D 5293-15	—