



**Base oils YANOS MVI, YANOS VHVI** – used as a base component of oils for various purposes. They are a product of the hydroisomerization / hydrofinishing process of the unconverted residue of a hydrocracking unit and belong to hazard class 3.

## Application

**Base oils YANOS MVI, YANOS VHVI** are used as a component of automotive and industrial oils.

## Typical physical and chemical properties

Parameter	Method	Values			
		YANOS MVI-2	YANOS VHVI-4	YANOS VHVI-6	YANOS VHVI-6
Kinematic viscosity at 100 °C, mm <sup>2</sup> /s	GOST 33 ASTM D445	<3,0	3,8-4,3	5,8-6,3	>7,0
Viscosity index, min.	GOST 11362 ASTM D2270	-	120		
NOACK volatility, %, max.	ASTM D5800	-	14,0	6,0	4,0
Sulphur content, %, max.	ASTM D5453 ASTM D2622	0,001			
Mechanical impurities content, % mass.	GOST 6370	Absence			
Pour point, °C	GOST 4333 ASTM D2622	-48		-15	-12
Flash point, COC, °C, min.	GOST 20287 ASTM D97	155	200	210	220
Water content, %, max.	GOST 2477	Traces			
Color CNT, units, max.	GOST 20284 ASTM D1500	0,5			1,0
Density at 15 °C, kg/m <sup>3</sup>	GOST P51069 ASTM D4052	Not standardized. Definition required			
Selective solvents content	GOST P52532	Absence			
Appearance	According to p. 7.2 of STO	Homogeneous clear liquid			
Saturated hydrocarbon content, %, min	ASTM D74191	95			
Dynamic viscosity CCS at 30°C, mPa*s	ASTM D5293	-	Not standardized. Definition required		-