



**Base oils YANOS SN, YANOS BS** – used as a base component of oils for various purposes (automotive, industrial etc.).

Typical physical and chemical properties	Method	Values			
		SN-80	SN-150	SN-400	BS
Kinematic viscosity at 100 °C, mm <sup>2</sup> /s	GOST 33 ASTM D445	2,8-3,5	4,5-5,5	9,0-10,5	<23
Viscosity index, min.	GOST 25371 ASTM D2270	-	93	90	90
Coking ability, %, max.	GOST 19932 ASTM D189 ASTM D4530	0,03	0,01	0,04	0,55
Total acid number, mg KOH/g, max.	GOST 5985	0,008			
Ash content, %, max.	GOST 1461 ASTM D482	0,005			
Content of water soluble acids and alkalis	GOST 6307	Absence			
NOACK volatility, %, max.	ASTM D5800 Procedure B	Не нормируется	14	6	4
Sulphur content, %, max.	GOST 1437 ASTM D4294	0,1			0,5
Mechanical impurities content, % mass.	GOST 6370	Absence			
Pour point, °C	GOST 20287 procedure B	-15			
Flash point, COC, °C, min.	GOST 4333 ASTM D92	170	206	229	255
Water content, %, max.	GOST 2477	Traces			
Color CNT, units, max.	GOST 20284 ASTM D1500	0,5	1,0	1,5	5,5
Density at 15 °C, kg/m <sup>3</sup>	GOST P51069 ASTM D1298	880	870	884	908
Selective solvents content	OST 38.01502-97	Absence			
Appearance	According to p. 7.2 of STO	Homogeneous clear liquid			