

### APPENDIX 3

### BASE OIL SN-500

No	Parameters	Norm	Test methods
1	Kinematic viscosity at 100°C, mm <sup>2</sup> /s	10,1-11,5	STB 1798-2007 (ASTM D445-06, IDT)
2	Viscosity index, min	90	STB 1797-2007 (ASTM D2270-04, MOD)
3	Colour on scale ASTM, max	3,5	STB 1796-2007 (ASTM D1500-04a, IDT )
4	Pour point, °C, max	-15	GOST 20287-91
5	Cokeability, %, max	0,2	STB ISO 103702003 (ISO10370:1993, IDT)
6	Mechanical impurities, % mas., max	0,005	GOST 6370-83
7	Water content, % mas., max	0,03	GOST 2477-2014
8	Noak evaporationm %, max	6	STB 1370-2002 (ASTM D5800-00a, MOD )
9	Density at 20°C, kg/m <sup>3</sup>	no norm	STB 1468-2014 (ASTM D4052:2011, IDT)
10	Acid number, mg KOH/1 g, max	0,08	STB 1411-2003 (ASTM D66-95, IDT)
11	Ash content, %, max	0,005	GOST 1461-75
12	Sulphur content, %, max	1	STB 1420-2003 (ASTM D4294-98, IDT )
13	Phenol content, %	0,002	GOST 1057-2014
14	Open-cup flash point, °C, min	240	STB 1651-2006 (ASTM D92-05a, MOD )
15	Kinematic viscosity at 40°C, mm <sup>2</sup> /s	no norm	STB 1798-2007 (ASTM D445-06, IDT)
16	Appearance at 20 °C	clean and transparent	visual
17	Density at 15 °C, kg/m <sup>3</sup>	no norm	STB 1468-2014 (ASTM D4052-2011, IDT )