

# BASE OIL POLYALPHAOLEFIN PAO-4

TU 0253-014-54409843-2007

QUALITY SPECIFICATIONS						
№	Indexes of quality	Unit	Normative Requirements			Test Method
			Type 1	Type 2	Type 3	
1	Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	3,8 - 4,1	3,8 - 4,2	3,8 - 4,3	GOST 33 or ASTM D 445
2	Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	max 19	max 20	max 22	GOST 33 or ASTM D 445
3	Viscosity Index		min 120	min 117	min 115	GOST 25371 or ASTM D 2270
4	Density at 20°C	kg/m <sup>3</sup>	815 - 825			GOST 3900 or ASTM D 1298, ASTM D 4052
5	Pour Point	°C	not above minus 70	not above minus 65	not above minus 60	GOST 20287 or ASTM D 97
6	Flash Point in open cup	°C	min 210			GOST 4333 or ASTM D 92
7	Total Acid Number	mg KOH/g	max 0,01			GOST 5985 or ASTM D 974
8	Colour by Hazen	units	max 10			GOST 29131
9	Colour on Colorimeter CNT	CNT units	max 0,5			GOST 20284 or ASTM D 1500
10	Mechanical impurities content	%	absence			GOST 6370
11	Water content	%	absence			GOST 2477 or ASTM D 95
12	Evaporation losses	wt %	max 15			ASTM D 5800 method B
13	Bromine number	r Br <sub>2</sub> /100r	max 0,2			BS 2000-129:2003 and by p.5,2 TU