

# BASE OIL POLYALPHAOLEFIN PAO-12

TU 0253-014-54409843-2007

QUALITY SPECIFICATIONS				
No	Indexes of quality	Unit	Normative Requirements	Test Method
1	Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	11,5 - 12,5	GOST 33 or ASTM D 445
2	Viscosity Index		min 125	GOST 25371 or ASTM D 2270
3	Density at 20°C	kg/m <sup>3</sup>	835 - 845	GOST 3900 or ASTM D 1298, ASTM D 4052
4	Pour Point	°C	not above minus 50	GOST 20287 or ASTM D 97
5	Flash Point in open cup	°C	min 270	GOST 4333 or ASTM D 92
6	Total Acid Number	mg KOH/g	max 0,01	GOST 5985 or ASTM D 974
7	Colour on Colorimeter CNT	CNT units	max 0,5	GOST 20284 or ASTM D 1500
8	Mechanical impurities content	%	absence	GOST 6370
9	Water content	%	absence	GOST 2477 or ASTM D 95
10	Evaporation losses	wt %	max 4	ASTM D 5800 method B
11	Bromine number	r Br <sub>2</sub> /100r	max 0,5	BS 2000-129:2003 and by p.5,2 TU