BASE ISOPARAFFIN OIL HVI-2
TU 38.401-58-416-2014

MAIN QUALITY SPECIFICATIONS				
№	**Indexes of quality**	**Unit**	**Normative Requirements**	**Test Method**
1	**Kinematic Viscosity**	mm2/s		ASTM D 445
	at 100°C		max 2,6	
	at 50°C		max 9	
	at 40°C		max 12	
	at minus 30°C		max 1200	
2	**Viscosity Index**	mm2/s	min 100	GOST 25371
3	**Density at 15°C**	kg/m3	max 895	GOST R 51069
4	**Flash Point**	°C	min 135	ISO 2719
5	**Flash Point**	°C	-	ASTM D 92
6	**Pour Point**	°C	not above minus 45	GOST 20287 (method A)
7	**Mechanical impurities content**	wt %	none	GOST 6370
8	**Water Content**	%	none	GOST 2477
9	**Colour**	%	max 1,0	ASTM D 1500
10	**Acid Number**	mg KOH/gr	max 0,01	ASTM D 974
11	**Sulphur Content**	%	-	ASTM D 4294
12	**Corrosive Sulpfur**		none	GOST R 55494
13	**Copper Strip Corrosion Test**	%	endure	ASTM D 130
14	**Carbon content in aromatic rings**	%	max 3,0	GOST 28640
15	**Dielectric loss tangent at 90°C**	%	max 0,5	ASTM D 924
16	**Breakdown voltage after sample preparation**	kB	min 70	GOST R MEK 60156
17	**Oxidation stability after adding 0,4 % Butylated hydroxytoluene**			GOST 981 with 5.4
	*mass of volatile low molecular weight acids	mg KOH/gr	max 0,04	
	*mass fraction of sediment	%	max 0,015	
	*acid number	mg KOH/gr	max 0,1	
18	**Content of selective solvents**	%	-	GOST R 52532