



KARAKOYUNLU G R O U P

Base Oil

№	Description of Index	Figure				
		SN- 80	SN-180	SN- 350	SN - 600	SN-1200
1	Density, at 20°C,g/cm ³ , not more than	870	880	890	900	905
2	Refraction coefficient at 20°C	Have no standart, is nessesary				
3	Kinematic viscosity at 100 °C, sSt, within	2.5 - 3.5	4.5 – 6.0	8.0 – 9.5	11.5– 13.5	18.0– 23.0
4	Pour point, °C, not higher than	-12	-12	-12	-9	-9
5	Flash point, °C, not less than	170	205	220	225	250
6	Viscosity index, not less than	95	95	95	95	90
7	Color					
	by IJHT, max	0.5	0.5	1.0	2.0	3.0
	by ASTM, max	-	-	1.0	2.0	3.0
	by conditional units of KHC, not more than	0.5	0.5	-	-	-
8	Mass portion of sulfur,%, not more than	0.03				
9	Acidity number, mg KOH by 1g oil, not more than	0.02	0.03	0.05	0.05	0.06
10	Ash,%, not more than	0.005				
11	Mass portion of mechanical impurities,%, not less than	0.005				