

Grade BASE OIL - OIL BASE SN-150 No.	Description	TNPA requirement	Value
1	Kinematic viscosity at 100 oC, mm ² /s, between	4.00-5.50	5.27
2	Viscosity index, not less	93	93
3	Colour, CNT units, not more	2.0	1.5
4	Solidification temperature, oC, not higher	-15	-15
5	Coking power, %, not higher	0.07	0.033
6	Mechanical impurities, not higher	0.0050	0.0050
7	Water content, % by mass, not more	0.03	0.03
8	Vapour ability by Noak, %, not higher	24.0	14.9
9	Density at 20 oC, kg/m ³		878.6
10	Acid number, mg KOH per 1 g of oil, not more	0.080	0.028
11	Ash content, %, not higher	0.005	0.004
12	Sulphur content, %, not higher	0.85	0.76
13	Fenol content, %, not higher	0.0020	0.0017
14	Open-cup flash temperature, oC, not lower	200	204