

**BASE OIL - OIL BASE  
SN-1200**

**Grade:**

**Date of production: 20.11.2011**

<b>No.</b>	<b>Description</b>	<b>TNPA requirement</b>	<b>Value</b>
<b>1</b>	<b>Kinematic viscosity at 100 oC, mm<sup>2</sup>/s, between</b>	<b>19.00-22.00</b>	<b>19.83</b>
<b>2</b>	<b>Viscosity index, not less</b>	<b>90</b>	<b>91</b>
<b>3</b>	<b>Colour, ASTM units, not more</b>	<b>6.0</b>	<b>4.5</b>
<b>4</b>	<b>Solidification temperature, oC, not higher</b>	<b>-12</b>	<b>-12</b>
<b>5</b>	<b>Coking power, %, not higher</b>	<b>0.50</b>	<b>0.22</b>
<b>6</b>	<b>Mechanical impurities, not higher</b>	<b>0.0050</b>	<b>0.0050</b>
<b>7</b>	<b>Water content, % by mass, not more</b>	<b>0.03</b>	<b>0.03</b>
<b>8</b>	<b>Vapour ability by Noak, %, not higher</b>		
<b>9</b>	<b>Density at 20 oC, kg/m<sup>3</sup></b>		<b>887.5</b>
<b>10</b>	<b>Acid number, mg KOH per 1 g of oil, not more</b>	<b>0.080</b>	<b>0.040</b>
<b>11</b>	<b>Ash content, %, not higher</b>	<b>0.005</b>	<b>0.005</b>
<b>12</b>	<b>Sulphur content, %, not higher</b>	<b>1.20</b>	<b>0.91</b>
<b>13</b>	<b>Fenol content, %, not higher</b>	<b>0.0020</b>	<b>0.0017</b>
<b>14</b>	<b>Open-cup flash temperature, oC, not lower</b>	<b>260</b>	<b>274</b>

**Conclusion: The product complies with contract requirements**

**Specification date: 02.12.2011**