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## **TECHNICAL SPECIFICATION**

**Product Name: USN 500**

#	PARAMETERS	ASTM D	UNIT	SPECS.
1	<b>Density @ 15°C</b>	7042	Kg/m3	<b>862- 880</b>
2	<b>ASTM Color, Max.</b>	1500	-	<b>2.5</b>
3	<b>Kinematic Viscosity @ 40 °C</b>	445	cSt	<b>91-101</b>
4	<b>Kinematic Viscosity @ 100 °C</b>	445	cSt	<b>10.7- 13.7</b>
5	<b>Viscosity Index, Min.</b>	2270	-	<b>101</b>
6	<b>Flash Point, COC, Min.</b>	92	°C	<b>235</b>
7	<b>Flash Point, PMCC, Min.</b>	93	°C	<b>220</b>
8	<b>Pour Point, Max.</b>	97	°C	<b>-6</b>
9	<b>Conradson Carbon Residue, Max.</b>	189	Wt.-%	<b>0.1</b>
10	<b>Neutralization No. , Max.</b>	974	mg KOH/g	<b>0.05</b>
11	<b>Copper Corrosion, Max.</b>	130	100 °C/3Hrs	<b>1a</b>
12	<b>Ash Content, Max.</b>	482	Wt.-%	<b>0.01</b>
13	<b>Sulphur Content, Max.</b>	4294	Wt.-%	<b>0.4</b>
14	<b>Saturates , Min.</b>	2007	Wt.-%	<b>73</b>
15	<b>Appearance @ Ambient Temp.</b>	Visual	-	<b>C&amp;B</b>

### **Applications:**

1. This Product useful in the preparation of Lubricating Oil such as Engine Oils for Petrol/Diesel engines, Hydraulic Oils & General Purpose Oils
2. It is also useful in the production of Automotive/Industrial Gear Oils, Additives, Compressor oils & Automotive/Industrial Grease
3. Moreover, it is used in the production of rubber and plastics as a process oil and as a cutting fluid in the metalworking sector

**Issue Date:** 5<sup>th</sup> November, 2024

**Doc #:** FM:TS:59

**Revision:** 6

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