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## **TECHNICAL SPECIFICATION**

**Product Name: USN 500**

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

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