



BUOYANCY[®]
IMPEX PVT. LTD.

📍 "C" Tower, 10th Floor, Hampton Park,
Vesu, Surat 395007 Gujarat, India

☎ +91 99250 53193

+91 99250 53069

✉ info@buoyancyimpex.com
buoyancyinc@gmail.com

Virgin Base oil – SN500 (Group I)

SN 500 is a base oil derived from the further processing of vacuum distillates of specific crude oil fractions. It is a mineral based non-synthetic base oil. They are mainly used in lubricant and lubricant additives production where their typical parameters are used for specific products.

Advantages

- 1) Highly Saturated
- 2) Virtually no aromatics or impurities
- 3) Light Color and Uniform Composition
- 4) High Oxidation / Thermal Stability
- 5) Viscosity Stability and High Performance, Low Volatility
- 6) Improved demulsibility
- 7) Good solubility characteristics
- 8) Good oxidation and color stability
- 9) High Viscosity Index, Low Odor

Property	Unit	Method	Results
Density at 15°C	g/ml	ASTM D 1298	0.870– 0.880
Color	-	ASTM D 1500	2.0-2.5
Viscosity at 100°C	cSt	ASTM D 445	11-12.5
Viscosity at 40°C	cSt	ASTM D 445	105-115
Viscosity index	-	ASTM D 2270	90 Min
Flash point °C	°C	ASTM D 92	230 Min
Pour point	°C	ASTM D 97	-12
Aniline Point	°C	ASTM D 611	78-85
Carbon Residue	w. %	ASTM D 524	0.05
Sulfur	wt %	ASTM D 4294	0.1-0.5
Acid Number	mg KOH/g	ASTM D 664	0.005

Applications

- 1) Soluble & Neat Cutting Oil
- 2) Textile Lubricants such as Conning Oil
- 3) Antistatic Oil, Spin Finish Oil
- 4) Shoe Polish, Pigments and Agricultural Spray Oil
- 5) Mold Oil, White & Paraffin Oils

Accredited: ISO9001:2015 | ISO 14001:2015 | ISO45001:2018

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