POLESTAR

نجم القطب

Polestar Worldwide General Trading LLC

Virgin Base oil – SN500 (Group I)

Base oil 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. SN 500 is primarily used in the production of lubricants and lubricant additives, where its typical parameters are utilized to formulate specific products.

Technical Specifications

Property	Unit	Method	Typical
Density at 15°C	Kg/m3	ASTM D 4052	0.885
Color	-	ASTM D 1500	2.0-2.5
Viscosity at 100°C	cSt	ASTM D 445	10.96
Viscosity at 40°C	cSt	ASTM D 445	98
Viscosity index	-	ASTM D 2270	95 Min
Flash point °C	°C	ASTM D 92	235 Min
Pour point	°C	ASTM D 97	-9
Sulfur	wt. %	ASTM D 1552	0.4
Acid Number	mg KOH/g	ASTM D 664	0.05
Foam	ml	ASTMD-892	NIL
Demulsibility		ASTMD 1401	PASS
Copper Corrosion (3hrs @ 100C)		ASTMD-130	1A
Carbon Residue (Conradson)	Wt.%	ASTMD-189	0.15

Advantages

1. Highly saturated with virtually no aromatics or impurities.
2. Light color and uniform composition.
3. High oxidation and thermal stability.
4. Stable viscosity, high performance, low volatility, and improved demulsibility.
5. Good solubility characteristics, along with oxidation and color stability.
6. High viscosity index and low odor.

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Applications

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

Packaging

1. Flex tanks
2. Iso-Tanks
3. IBC tanks
4. New or Used steel drums.
5. Bulk by Tankers

Storage

Keep the container closed. Handle containers with care. Open slowly to control possible pressure release. Store in a cool, well-ventilated area. Storage containers should be earthed and bonded. Fixed storage containers, transfer containers, and associated equipment should be earthed and connected to prevent the accumulation of static charge.

Comments

The specifications as mentioned above may vary depending on the origin and batch. For updated specifications related to your order, please don't hesitate to contact a sales representative at Polestar Worldwide General Trading LLC.

PLEASE OBTAIN A PRODUCT SAFETY DATA SHEET FOR MORE INFORMATION.

This product's Safety Data Sheet ("SDS") contains essential environmental, health, and safety information concerning its handling and storage. The most current version of the SDS for this product can be obtained by contacting a representative of Polestar Worldwide General Trading LLC.

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