POLESTAR
نجم القطب
Polestar Worldwide General Trading LLC

Virgin Base oil – SN100 (Group I)

Group I base oil SN100 is a base oil obtained from the additional processing of vacuum distillates derived from specific crude oil fractions. It is a mineral-based, non-synthetic base oil. This type of oil is primarily used in the production of lubricants and lubricant additives, where its typical characteristics are applied to create specific products.

Advantages

1) Highly saturated, free of aromatics and impurities
3) Light color and uniform composition
4) Excellent oxidation and thermal stability
5) Stable viscosity with low volatility
6) Improved demulsibility and good solubility
8) Strong oxidation and color stability
9) High viscosity index and low odor

Property	Unit	Method	Typical
Density at 15°C	g/ml	ASTM D 1298	0.855 – 0.875
Color	-	ASTM D 1500	1.0 – 1.5
Viscosity at 100°C	cSt	ASTM D 445	3.5-5.0
Viscosity at 40°C	cSt	ASTM D 445	18-25
Viscosity index	-	ASTM D 2270	95 Min
Flash point °C	°C	ASTM D 92	185 Min
Pour point	°C	ASTM D 97	-6 To -9
Aniline Point	°C	ASTM D 611	60-70
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	0.05

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

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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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