POLESTAR
نجم القطب
Polestar Worldwide General Trading LLC

Group II Base Oil - N 500

Group II base oils are known for their superior oxidation stability, higher purity, and better lubrication properties. They contain more than 90% saturated fats, less than 0.03% sulphur, and have a V.I. of 80 to 120. These oils are manufactured through hydrocracking, a complex process that results in better antioxidation properties and a more transparent colour than Group I base oils. With greater structural integrity and improved thermal stability, Group II base oils are a reliable choice for various industrial applications.

Advantages

1. Higher oxidation stability
2. Better rapid water separation
3. Lower foaming tendency
4. Better antioxidation properties
5. Higher viscosity indexes

Specifications

Sr No	Test	Unit	Method	Typical
1	Appearance	-	Visual	Clear and Bright
2	Color	-	ASTM D 1500	L 0.5
4	Density at 15°C	kg/m2	ASTM D 4052	868.1
5	Kinematic Viscosity at 40°C	Mm2/s	ASTM D 445	93.96
6	Kinematic Viscosity at 100°C	Mm2/s	ASTM D 445	11.03
7	Viscosity Index	-	ASTM D 2270	102
8	Flash Point	°C	ASTM D 97	272
9	Pour Point	°C	ASTM D 92	-16
10	Sulfur Content	Mg/kg	ASTM D 5453	0.0001
11	Saturates	wt%	ASTM D 7419	99.9
12	Aromatics	wt%	ASTM D 7419	0.1

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Applications

1. Transformer oil, ink oil
2. Marine oil
3. Industrial gear oil
4. Automatic transmission fluid
5. White oil, also known as processed oil.

Packaging

1. Flex tanks
2. Iso-Tanks
3. New or Used steel drums.
4. 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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