POLESTAR

نجم القطب

Polestar Worldwide General Trading LLC

Group II Base Oil - N 220/230

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

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.

Specifications

Sr No	Test	Unit	Method	Typical
1	Appearance	-	Visual	Clear and Bright
2	Colour	-	ASTM D 1500	L0.5
4	Density at 29.5°C	g/ml	ASTM D 1298	0.8652
5	Kinematic Viscosity at 40°C	Mm2/s	ASTM D 445	42.06
6	Kinematic Viscosity at 100°C	Mm2/s	ASTM D 445	6.427
7	Viscosity Index	-	ASTM D 2270	106
8	Flash Point	°C	ASTM D 92	252
9	Pour Point	°C	ASTM D 97	-18
10	API Gravity at 60°F	-	ASTM D4052	32
11	NOACK Volatility	% m/m	ASTM D 5800	8.5
12	Water Content	Mg/kg	ASTMD 6304	32
13	Total Sulphur	% m/m	ASTMD 4294	<0.0017

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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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