POLESTAR

نجم القطب

Polestar Worldwide General Trading LLC

## Base oil - BS150 (Bright Stock)

Bright Stock 150, also called BS-150, is a base oil derived from the further processing of vacuum distillates of specific crude oil fractions. They are primarily used in the production of lubricants and lubricant additives, where their typical properties are utilized in the formulation of these products.

## Uses

They are primarily used in the production of lubricants and lubricant additives. It is a Group I base oil which has undergone solvent refining and de-waxing processes. To complete the refining process, it is hydrogen-treated to remove any impurities.

## Advantages

1. High oxidation stability
2. Good susceptibility to the additives, Low sulfur content
3. Excellent viscosity-temperature characteristics

| Parameter | Unit | Method | Typical |
|---|---|---|---|
| Color | - | ASTM D1500 | L3.0 |
| Density at 15°C | (kg/l) | ASTM D4052 | 0.9045-0.9065 |
| Kinematic Viscosity at 100°C | (cSt) | ASTM D445 | 24-30 |
| Kinematic Viscosity at 40°C | (cSt) | ASTM D445 | 440-490 |
| Viscosity Index | | ASTM D2270 | 95 Min |
| Flash Point | (°C) | ASTM D92 | 295-310 |
| Appearance | Visual | ASTM D4176 | Clear & bright |
| Carbon Residue | Wt% | ASTM D189 | 0.50 Max |
| Acid Number ( TAN) | mgKOH/g | ASTM D 664 | 0.01 |
| Total Sulphur Content | %m/m | ASTM D4294 | 1.02 |
| Pour Point | (°C) | ASTM D97 | -6 |
| Ash Content | Wt% | ASTM D 482 | 0.01Max |
| NOACK Volatility | % m/m | ASTMD 5800 | 1.2 |

## Applications

1. Engine oils, Additives, general-purpose oils
2. Gear oils, Transmission fluids, Metal working fluids, Hydraulic oils, Transformer 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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