SHINE OIL S-6

Paraffinic Process Oil

REXOIL SHINE OIL S-6 is a highly refined premium base fluid developed to provide excellent purity, stability, and performance for a wide range of lubricant manufacturing and industrial process applications. Produced through advanced refining technologies, the product offers outstanding oxidation resistance, low volatility, and excellent thermal stability, ensuring reliable performance under demanding operating conditions.

SHINE OIL S-6 is widely used in the production of passenger car motor oils, heavy-duty diesel engine oils, transmission fluids, and a variety of industrial lubricants. It can also be utilized in hydraulic fluids, compressor oils, gear oils, and other lubricant formulations where stability, cleanliness, and long service life are essential. SHINE OIL S-6 is also suitable for use as a process oil in various industrial applications. Its excellent purity, controlled volatility, and stable composition contribute to consistent processing performance in rubber, polymer, and general manufacturing processes where reliable processing behavior and product stability are required.

Features and Benefits

- **High Purity Composition:** Carefully refined to deliver excellent cleanliness and consistent quality, supporting reliable performance in both lubricant formulations and industrial processing applications.
- **Excellent Oxidation Stability:** Provides strong resistance to oxidation and degradation, helping maintain lubricant integrity and extending service life in demanding operating conditions.
- **Low Volatility:** The controlled volatility characteristics help reduce oil loss at elevated temperatures and contribute to improved operational efficiency.
- **Superior Thermal Stability:** Maintains stable performance under high-temperature operating environments, ensuring reliable processing and lubrication performance.
- **Consistent Viscosity Performance:** Offers stable viscosity behavior, supporting efficient blending processes and reliable lubricant performance across various applications.

Technical Specifications

Test	Method	Typical Properties
Kinematic Viscosity (40°C), [cSt]	ASTM D445	31,5 – 36,8
Kinematic Viscosity (100°C), [cSt]	ASTM D445	5,70 – 6,55
Density @ 15^0C g/ml	ASTM D4052	0,840-0,850
Viscosity Index	ASTM D2270	Min. 120
Flash Point, °C	ASTM D92	Min. 230
Pour Point, °C	ASTM D97	Max. -15
Color, ASTM	ASTM D1500	L0,5
Sulphur Content, mg/kg	ASTM D5453	Max. 5
Noack Volatility, %	DIN 51581	Max. %8,5
CCS Viscosity @ -30°C, mPas	ASTM D5293	4450 - 4950

Health and Safety

This product does not pose a significant health or safety risk when used appropriately. For detailed safety information, please refer to the Safety Data Sheet (SDS).

Storage & Handling

Store in a cool, dry, and well-ventilated area, away from direct sunlight and moisture. Keep containers tightly closed to prevent contamination. Dispose of contents and containers in accordance with local regulations.

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