REX-5

Paraffinic Process Oil

REXOIL REX-5 is a premium quality paraffinic process oil produced from carefully selected high-purity paraffinic crude oil fractions through advanced refining processes. With its low aromatic content, high chemical stability, and controlled viscosity profile, it is designed to deliver reliable and consistent performance across a wide range of industrial applications.

Its paraffinic base structure provides light color, low odor, strong oxidation resistance, and long-term stability, ensuring clean and balanced operating conditions in sensitive manufacturing processes. Thanks to its broad material compatibility, it can be safely used in various polymer and elastomer systems.

REX-5 is widely preferred as a process oil in textile, paints and coatings, automotive sub-industry, rubber, plastic manufacturing, adhesives, sealants, and various chemical industry applications. Its balanced solvency characteristics and optimized flow properties make it suitable for use as a carrier fluid, plasticizer, and diluent in numerous industrial formulations.

Due to its high refining quality, the product maintains stability, supports production efficiency, and minimizes unwanted deposit formation in process equipment.

Features and Benefits

- **High Purity Paraffinic Base Oil:** Produced from carefully selected paraffinic fractions, ensuring consistent quality and reliable industrial performance.
- **Low Aromatic Content:** Provides safer handling characteristics and improved compatibility in sensitive applications.
- **Excellent Chemical & Oxidation Stability:** Maintains performance under thermal stress and prolonged processing conditions.
- **Controlled Viscosity Profile:** Ensures predictable flow behavior and uniform performance across different formulations.
- **Light Color & Low Odor:** Suitable for applications where appearance and odor control are critical.
- **Broad Material Compatibility:** Compatible with various polymers, elastomers, and industrial raw materials.
- **Improved Process Efficiency:** Supports smooth production flow and reduces the risk of deposit formation in equipment.
- **Versatile Application Range:** Suitable for use as a process oil, carrier fluid, diluent, or softening agent in multiple industries.

Technical Specifications

Test	Method	Typical Properties
Kinematic Viscosity (40°C), [cSt]	ASTM D445	19,0 – 26,0
Kinematic Viscosity (100°C), [cSt]	ASTM D445	3,9 – 5,0
Density @ 15^0C g/ml	ASTM D4052	0,835 - 0,850
Viscosity Index	ASTM D2270	Min. 105
Flash Point, °C	ASTM D92	Min. 210
Pour Point, °C	ASTM D97	Max. -15
Color, ASTM	ASTM D1500	Max. 1,0

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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