REX-10

Paraffinic Process Oil

REXOIL REX-10 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-10 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 & Stability –** refined from selected paraffinic crude to ensure consistent quality and long service life.
- **Excellent Compatibility –** blends well with a wide range of polymers, elastomers, and chemical additives.
- **Low Volatility –** minimizes evaporation losses during processing and application.
- **Good Oxidation Resistance –** ensures stability under heat and mechanical stress.
- **Low Aromatic Content –** safer and cleaner option for sensitive applications.
- **Balanced Viscosity –** provides optimal flow characteristics for rubber, plastic, and chemical industries.
- **Versatile Applications –** suitable for rubber compounding, plastics, adhesives, sealants, and other process industries.

Technical Specifications

Test	Method	Typical Properties
Kinematic Viscosity (40°C), [cSt]	ASTM D445	28,8 – 35,2
Kinematic Viscosity (100°C), [cSt]	ASTM D445	5,0 – 5,8
Density @ 15^{0}C g/ml	ASTM D4052	0,870 - 0,880
Viscosity Index	ASTM D2270	Min. 95
Flash Point, °C	ASTM D92	Min. 215
Pour Point, °C	ASTM D97	Max. -12
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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