WHITE OIL S-15

Paraffinic Process Oil

REXOIL WHITE OIL S-15 is a highly refined, water-white paraffinic process oil manufactured using advanced hydrotreatment and purification technologies. It exhibits excellent chemical stability, very low aromatic content, and outstanding color and oxidation resistance. The product is specifically developed for use in applications where high purity, consistency, and performance reliability are critical. Its controlled viscosity profile and high viscosity index ensure stable behavior under varying temperature conditions, while its excellent compatibility with a wide range of materials supports efficient processing.

WHITE OIL S-15 is recommended for use in rubber and elastomer compounding, thermoplastic and polymer processing, adhesives and sealants, and textile auxiliaries. It is also suitable for general industrial applications requiring a clean, stable, and non-staining process oil.

Features and Benefits

- **High Purity Base Oil** - Produced via advanced hydrotreatment processes, ensuring extremely low levels of aromatics, sulfur, and impurities.
- **Excellent Oxidation Stability** - Provides long service life and maintains performance under thermal stress, reducing degradation and sludge formation.
- **Superior Color Stability** - Water-white appearance with resistance to discoloration, supporting applications where visual quality is critical.
- **Controlled Viscosity Profile** - Delivers consistent flow characteristics and reliable processing behavior across a wide temperature range.
- **Good Compatibility with Polymers and Elastomers** - Enhances dispersion and processability in rubber and plastic formulations without adverse effects.
- **Non-Staining Characteristics** - Suitable for applications requiring clean processing without discoloration of final products.
- **Enhanced Process Efficiency** - Supports smooth processing, improved surface finish, and consistent end-product quality.

Technical Specifications

Test	Method	Typical Properties
Kinematic Viscosity (40°C), [cSt]	ASTM D445	13,5 – 16,5
Density @ 15^{0}C g/ml	ASTM D4052	0,830 - 0,840
Viscosity Index	ASTM D2270	Min. 105
Flash Point, °C	ASTM D92	Min. 170
Pour Point, °C	ASTM D97	Max. -24
Color, ASTM	ASTM D1500	Max. 0.5
Sulfur Content, mg/kg	ASTM D5453	Max. 10

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.

REKSOIL PETROKİMYA SAN. VE TİC. A.Ş.
Adres: Birlik Organize Sanayi Bölgesi Doğu Cd. No:19-21 Tuzla – İSTANBUL - TÜRKİYE Tel: +90 216 593 35 70 Fax: +90 216 593 35 78
www.rexoil.com.tr