CHAIN OIL ISO 100

REXOIL CHAIN OIL ISO 100 is a high-performance lubricant formulated with high-quality mineral base oils and advanced anti-wear additives, specially developed for the lubrication of chains operating under normal temperature conditions. It provides reliable protection against wear, corrosion, and oxidation while ensuring smooth and efficient chain movement. The product forms a stable lubricating film on metal surfaces, reducing friction in critical areas such as pins and bushes. Its strong adhesion characteristics help minimize lubricant loss and ensure consistent protection during operation.

REXOIL Chain Oil ISO 100 is recommended for the lubrication of chainsaw bars and chains operating under high-speed conditions, as well as conveyor chains, roller chains, drive chains, and production line chains used in manufacturing facilities, textile machinery, packaging equipment, agricultural equipment, and general industrial applications. The product is suitable for systems operating at continuous temperatures between 0°C and 120°C, including both manual and automatic lubrication systems. It is particularly recommended for normal-temperature chain applications under moderate load conditions.

Features and Benefits

- **Excellent Anti-Wear Protection:** Reduces metal-to-metal contact in pins and bushes, minimizing chain elongation and extending component life.
- **Strong Adhesion Characteristics:** Forms a stable lubricating film that resists fling-off and ensures consistent protection during operation.
- **Good Load Carrying Capacity:** Provides reliable lubrication under moderate to heavy operating loads.
- **Oxidation Stability:** Resists oil degradation at normal operating temperatures, ensuring longer service intervals.
- **Corrosion & Rust Protection:** Protects chain components against moisture and light contamination in industrial environments.
- **Reduced Friction:** Improves mechanical efficiency and helps lower energy consumption.
- **Compatibility with Automatic Lubrication Systems:** Suitable for drip-feed and centralized lubrication systems.
- **Extended Maintenance Intervals:** Reduces downtime and maintenance costs by maintaining effective lubrication performance over time.

Approval and Specifications

ISO 6743-1

Technical Specifications

Test	Method	Typical Properties
ISO GRADE		**100**
Kinematic Viscosity (40°C), [cSt]	ASTM D445	90,0 – 110,0
Viscosity Index	ASTM D2270	Min. 90
Flash Point, °C	ASTM D92	Min.230
Pour Point, °C	ASTM D97	Max. -24

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