COMPRESSOR OIL GX 100

REXOIL COMPRESSOR OIL GX 100 is a high-performance air compressor lubricant formulated with premium **paraffinic base oils** and advanced **ashless additive technology**. It is specifically designed to provide reliable lubrication, excellent oxidation stability, and long service life in a wide range of compressor systems operating under moderate to severe conditions.

The carefully selected base oil ensures superior thermal and oxidative resistance, minimizing sludge and varnish formation while maintaining system cleanliness. The ashless additive system enhances wear protection, rust and corrosion resistance, and deposit control without forming harmful residues, making it especially suitable for applications requiring clean operation and extended maintenance intervals.

This product is recommended for use in **rotary screw, rotary vane, and reciprocating air compressors**, where **ISO 100** viscosity grade is specified. It performs efficiently in both continuous and intermittent operations, delivering consistent lubrication, reduced wear, and improved compressor efficiency. It is also suitable for systems where low carbon formation and high discharge temperature stability are critical.

Features and Benefits

- **Outstanding Oxidation Stability -** Extends oil service life by resisting degradation under high temperature and continuous operation conditions.
- **Superior Thermal Resistance -** Maintains viscosity and performance even at elevated discharge temperatures, ensuring reliable lubrication.
- **Advanced Deposit Control (Ashless Technology) -** Minimizes formation of carbon, sludge, and varnish, keeping compressor components clean and efficient.
- **Enhanced Wear Protection -** Forms a durable lubricating film that reduces metal-to-metal contact, extending the life of critical components.
- **Excellent Rust & Corrosion Protection -** Protects internal metal surfaces against moisture and acidic by-products, even during idle periods.
- **Low Volatility & Oil Carryover -** Reduces oil consumption and minimizes carryover into the air system, improving overall system efficiency.
- **Outstanding Air Release & Anti-Foam Performance -** Ensures rapid air separation and stable operation, preventing cavitation and loss of lubrication efficiency.
- **High Compatibility with Seals & Materials -** Maintains integrity of seals and system components, reducing leakage risk and maintenance needs.

Approval and Specifications

DIN 51506 VDL; DIN 51506 VCL; DIN 54506 VBL; DIN 51517-1C/2CL; ALUP; Atlas Copco; FIAC; FINI; KAESER

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

REXOIL®
MOTOR OIL & LUBRICANTS

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. 100
Density @ 15 ^{0}C, g/ml	ASTM D 4052	0,860 – 0,880
Flash Point, °C	ASTM D92	Min.230
Pour Point, °C	ASTM D97	Max. -30
Copper Strip Corrosion (3h, 100°C)	ASTM D130	Max.1b
Sulfated Ash, % (m/m)	ASTM D874	Max. 0,01

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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