AIRTECH

ISO 46

REXOIL AIRTECH ISO 46 is a premium-quality, anti-wear lubricating oil specially developed for the lubrication of pneumatic tools and air-operated equipment. Formulated with highly refined mineral base oils and advanced performance additives, it provides excellent lubrication, rust protection, moisture resistance, and wear control under demanding operating conditions. It helps prevent corrosion caused by condensed water in compressed air systems while ensuring smooth and reliable operation of pneumatic components.

REXOIL AIRTECH ISO 46 is recommended for use in pneumatic tools and air-operated equipment where continuous lubrication is required for reliable performance and extended service life. It is suitable for impact wrenches, air drills, grinders, hammers, screwdrivers, pneumatic cylinders, valves, and other compressed air systems operating under light to moderate loads. For optimum performance, use the viscosity grade recommended by the equipment manufacturer and ensure a clean, dry compressed air supply. Regular lubrication and maintenance will help minimize wear, prevent corrosion, and maximize equipment efficiency and durability.

Features and Benefits

- Premium anti-wear protection extends the service life of pneumatic tools and components.
- Excellent rust and corrosion resistance protects equipment against moisture and condensed water in compressed air systems.
- Superior lubricity reduces friction, ensuring smooth operation and improved equipment efficiency.
- High oxidation stability minimizes sludge and deposit formation for extended lubricant life.
- Excellent water-displacing and demulsibility properties help maintain reliable lubrication in humid operating conditions.
- Compatible with commonly used seals and pneumatic system materials while reducing maintenance costs and improving equipment reliability.

Approval and Specifications

ISO 6743-11 Category PAC; DIN 51524 Part II (HLP)

Technical Specifications

Test	Method	Typical Properties
ISO GRADE		**46**
Kinematic Viscosity (40°C), [cSt]	ASTM D445	41,4 – 50,6
Density @ 15^0C g/ml	ASTM D4052	0,875 – 0,885
Viscosity Index	ASTM D2270	Min. 95
Flash Point, °C	ASTM D92	Min. 220
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.

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