GEAR BOXES SYN

ISO 220

REXOIL GEAR BOXES SYN ISO 220 is a premium industrial gear lubricant developed with **highly refined base oils and a balanced additive technology** for demanding gear lubrication applications. Its formulation is designed to maintain a strong and stable lubricating film under high loads, elevated temperatures and continuous operating conditions.

The product provides reliable protection against **wear, oxidation, rust and corrosion**, while supporting clean and efficient gearbox operation. Its high-viscosity formulation is particularly suitable for equipment requiring a **robust lubricant film and ISO VG 220 viscosity grade**.

REXOIL GEAR BOXES SYN ISO 220 is recommended for **enclosed industrial gearboxes, heavy-duty speed reducers, conveyors, mixers, crushers, material-handling systems and other industrial power transmission equipment** where an ISO VG 220 gear lubricant is specified.

Features and Benefits

- **High-viscosity formulation** provides a durable lubricating film for heavily loaded gear systems.
- **Advanced base oil technology** delivers excellent thermal and oxidative stability.
- **Superior load-carrying capability** helps protect gears operating under demanding conditions.
- **Effective anti-wear performance** reduces surface wear and contributes to longer component life.
- **Excellent rust and corrosion** protection helps preserve gears, bearings and other internal components.
- **Good resistance to sludge and deposit formation** supports cleaner gearbox operation.
- **Stable viscosity performance** helps maintain consistent lubrication during prolonged service.
- **Good water-handling characteristics** help maintain lubricant performance in environments exposed to moisture.
- **Low volatility** helps minimize lubricant loss during elevated-temperature operation.
- Suitable for **continuous and heavy-duty industrial applications** requiring ISO VG 220 viscosity.

Approval and Specifications

DIN 51517 Part 3; AGMA 9005-F16; ISO 12925 (L-CKC/L-CKD); ISO 6743-6 (L-CKC/L-CKD); ZF TE-ML 04H; ZF TE-ML 27; David Brown S1.53.101; AIST 224 (US Steel 224); Fives Cincinnati Machine Gear

Technical Specifications

Test	Method	Typical Properties
Kinematic Viscosity (40°C), [cSt]	ASTM D445	198,0 – 242,0
Viscosity Index	ASTM D2270	Min. 100
Density @ 15^0C g/ml	ASTM D4052	0,860 - 0,880
Flash Point, °C	ASTM D92	Min. 230
Pour Point, °C	ASTM D97	Max. -30

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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