POWERGEN SAE 40

REXOIL POWERGEN SAE 40 is a high-quality monograde **zinc-free** and **chlorine-free** engine oil developed for use in large stationary gas engines and medium-speed diesel engines operating under severe load and extended drain conditions. It is engineered using premium Group II base oils and a low-ash additive system to ensure excellent piston deposit control, valve protection, and oxidation stability.

This oil is specifically designed to meet the latest requirements of **LMOA Generation 5, GE Jenbacher Generation 4 Long Life, Caterpillar 3600 Series** and **API CF-2** performance standards. It is suitable for continuous-duty engines fueled by natural gas, landfill gas, biogas, or light diesel, commonly used in railroad locomotives, marine diesel engines at low speed and high load, power generation, mine-haul applications and industrial environments.

Features and Benefits

- Designed to support long drain intervals in accordance with OEM monitoring (e.g., TAN/TBN, oxidation, nitration thresholds), minimizing maintenance costs.
- High thermal stability resists viscosity increase and deposits from oxidation and nitration, even in high-temperature or high-load operations.
- Keeps pistons, combustion chambers, and valve decks clean, reducing ring sticking and extending engine uptime.
- Protects against rust, corrosive acids from combustion gases, and liner wear, especially under high-load, continuous operation.

Approval and Specifications

LMOA Generation 5; G.E. Generation 4 Long Life; Caterpillar 3600; API CF-2

Technical Specifications

Test	Method	Typical Properties
Kinematic Viscosity (100°C), [cSt]	ASTM D445	13,0 – 16,3
Density @ 15^{0}C g/ml	ASTM D4052	0,880 - 0,895
Viscosity Index	ASTM D2270	Min. 95
Total Base Number, mg KOH/g	ASTM D2896	13,2 – 14,0
Flash Point, °C	ASTM D92	Min. 240
Pour Point, °C	ASTM D97	Max. -15

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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