



PRODUCT DATA SHEET

DAVID WEBER OIL CO.

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GIBRALTAR™ SYNGEAR CD50

Synthetic Manual Transmission Fluid

Specially designed to meet extended drain and warranty requirements

Gibraltar Syngear CD50 is a fully synthetic, premium quality SAE 50 manual transmission lubricant. This durable lubricant has been designed to meet extended drain and OEM warranty requirements. It is recommended for year-round lubrication of manual transmissions in light to severe duty on-and off-highway equipment operating in a wide range of environments.

Gibraltar Syngear™ CD50 lubricant product meets the approval for heavy-duty transmissions covered by Eaton Roadranger and Extended Warranties of 750,000 miles with oil drains of 500,000 miles. It is also approved by Mack for TO-A Plus 500,000 mile extended service classification. Gibraltar Syngear CD50 meets the API Service MT-1 EP gear oil service classification and is suitable for transmissions and gear cases where API Service GL-1 through GL-4 gear protection is required.

Applications

- Heavy-duty manual transmissions where extended service intervals and warranties are required
- On-highway commercial light and heavy duty trucking, buses and vans
- Off-highway equipment including: construction, mining, and agriculture
- NOT suitable for hypoid gear applications in differentials and final drives, either for topping-off or refills, where API service GL-5 or SAE 2360 (formally MIL-PRF-2105E) lubricants are specified

Features

Excellent load carrying, anti-wear, and EP performance
Premium low temperature protection and fluidity
Extended drain and service interval capability
Improved friction reduction properties
Outstanding oxidative and thermal stability
Excellent protection from corrosion of copper and its alloys

Advantages and Benefits

Extends transmission life and reduces cost to operation
Reduces wear during cold temperatures and improves shifting
Provides lower operating costs and higher productivity
Improves fuel economy and lowers operating costs
Extends fluid life and improves efficiency
Protects and extends the life of synchronizers

Specifications and Approvals

Gibraltar Syngear CD50 meets the following industry specifications:

API GL-4/MT-1

Gibraltar Syngear CD50 has the following builder approvals:

Eaton Roadranger Extended Grain (E500) PS 164 Rev 7

Mack TO-A Plus

International TMS-6816

Typical Properties

SAE Grade

Viscosity, cSt @ 40°C ASTM D445 132

Viscosity, cSt @ 100°C ASTM D445 17.5

Viscosity Index ASTM D2270 146

Pour Point ASTM D92 221

Density @ 15°C kg/l ASTM D4052 0.86
