

Mobiltrans SHC V 30

Supreme Performance Transmission Lubricant

Product Description

Mobiltrans SHC V 30 is a fully synthetic, heavy duty manual transmission lubricant engineered to meet the most demanding requirements. 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. Designed to provide excellent performance, Mobiltrans SHC V 30 incorporates the latest lubrication technology based on synthetic basestocks and advanced additives providing significant advantages over conventional transmission oils. This advanced additive system provides outstanding high temperature detergency and dispersancy with optimised protection against thermal degradation, oxidation, wear, and corrosion. Because of its inherently high viscosity index and unique synthetic base oil mixture, it provides stronger film strength at higher temperatures than conventional oils. This technology also ensures effective lubrication at extremely low temperatures without channelling. The outstanding performance of this product is evident by its approval for heavy duty transmissions built by ZF, MAN, and Volvo. Mobiltrans SHC V 30 is recommended for transmissions and non-hypoid gear-box applications.

Features and Benefits

Today's technology has vastly improved the performance capabilities of heavy duty on-highway trucks in terms of load, speed, control, and reliability through innovative drive train designs. These designs have markedly changed and raised the requirements of drive train fluids to deliver higher levels of performance, while extending drain intervals. For heavy duty transmissions; friction control, wear protection, thermal stability, shear stability, rust, and corrosion protection, as well as seal protection are features that must be optimally balanced, to provide extended transmission and synchroniser life, smooth shift control, improved efficiency, and higher load capability over a wide range of applications and operating environments. The key benefits of Mobiltrans SHC V 30 include:

Features	Advantages and Potential Benefits
Excellent load carrying, anti-wear, and EP performance	Extends transmission life and reduces cost of operation
Outstanding protection against deposit formation	Longer seal life, extended drain, and service intervals
Maximum protection from corrosion of copper and its alloys	Protects and extends the life of synchronisers
Optimised thermal and oxidation protection	Extends component life and improves efficiency
Exceptional shear stability	Reduces wear during severe operation
Outstanding low temperature fluidity	Reduces wear during cold temperatures and improves shifting with quicker starts
Extended drain and service interval capability	Provides lower operating costs and higher productivity
Improved friction reduction properties	Improves fuel economy and lowers operating costs

Applications

- Heavy duty manual transmissions built by major European manufacturers
- On highway commercial light and heavy duty trucking, busses and vans
- Where severe low temperatures are encountered



- Where extended service intervals and warranties are required
- Use as a companion with Mobilube SHCs in rear axles for maximum drive train life, service efficiency, and fuel economy improvement
- NOT suitable for hypoid gear applications in differentials and final drives, either for topping-off or refills, where API service GL-5 or MIL-PRF-2105E lubricants are specified

Specifications and Approvals

Mobiltrans SHC V 30 has the following builder approvals	SAE 30
MAN 341 SL	X
Volvo 97307	X

Typical Properties

Mobiltrans SHC V 30	
SAE Grade	SAE 30
Viscosity, ASTM D 445	
cSt @ 100°C	10.5
Viscosity Index, ASTM D 2270	144
Pour Point, °C, ASTM D 97	-55
Flash Point, °C, ASTM D 92	220

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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