

Mobilube S 80W-90

Synthetic Blend Drivetrain Lubricant

Product Description

Mobilube S 80W-90 is an extra high performance drivetrain lubricant engineered to provide optimum lubrication for state-of-the-art, heavy duty manual components used in on highway commercial vehicles and cars. This lubricant is formulated using advanced base oils and additive system that delivers excellent shifting performance, good low temperature fluidity, and high temperature viscosity retention. Mobilube S 80W-90 provides API GL-4/5 level performance.

Features and Benefits

Today's technology has vastly improved the performance capabilities of on-highway vehicles in terms of load, speed, and control through innovative drivetrain designs. These designs have increased the requirements of components and lubricants to deliver a higher level of performance. For heavy-duty applications, friction control, wear reduction, thermal stability, shear stability, rust and corrosion inhibition, and seal protection are features that must be optimally balanced to provide extended gear and synchroniser life, smooth shift control, fuel economy, and high load capability over a wide range of applications. Mobilube S 80W-90 delivers outstanding performance in current as well as older units. The key benefits include:

Features	Advantages and Potential Benefits
Outstanding load carrying, anti-wear, and extreme pressure performance	Extended transmission life and reduced operating costs
Excellent prevention of deposits and lacquer formation	Longer seal life, extended drain, and service intervals
Maximum protection from corrosion of copper and its alloys	Extends the life of synchronisers delivering smoother shifting performance
Effective thermal and oxidation resistance at high operating temperatures	Reduced wear and extended component life
Excellent shear stability	Maintains effective viscosity and film strength during severe operation
Good low-temperature fluidity	Easier, smoother shifting and quicker starts

Applications

- Cars, on highway light and heavy duty trucks, busses, and vans
- Heavy duty automotive type drivetrains where API GL-4/GL-5 level performance is required

Specifications and Approvals

Mobilube S 80W-90 meets or exceeds the following industry specification:

API GL-4/GL-5 / MT-1	X
SAE J2360	X



Mobilube S 80W-90 meets or exceeds the following industry specification:

ZF-TE-ML 08	X
MIL-PRF-2105E	X

Mobilube S 80W-90 has the following builder approvals:

MAN M3343 TYPE ML	X
Mack GO-J	X
ZF-TE-ML 02B/05A/07A/12E/16B/17B	X
ZF-TE-ML 19B	X

Mobilube S 80W-90 is recommended for use in applications requiring:

MAN 341ML/342ML	X
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Typical Properties

Mobilube S 80W-90

SAE Grade	80W-90
Viscosity, ASTM D 445	
cSt @ 40°C	142.7
cSt @ 100°C	14.93
Viscosity Index, ASTM D 2270	105
Pour Point, °C, ASTM D 97	-30
Flash Point, °C, ASTM D 92	210
Density @ 15°C kg/l, ASTM D 4052	0.87

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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