Mobil ATF SHC™

Mobil Passenger Vehicle Lube , Portugal

Superior Performance Synthetic Automatic Transmission Fluid

Product Description

Mobil ATF SHC™ is a superior performance synthetic automatic transmission fluid designed to meet the demanding requirements of automatic transmissions operating in the severe, high-temperature, and heavy load applications. The inherently high viscosity index and stability of Mobil ATF SHC protects against thermal breakdown at high operating temperatures enabling outstanding low temperature performance at ambient temperatures below "40ºC.

Features and Benefits

Mobil ATF SHC combines high performance synthesised hydrocarbon base oils with a balanced additive system to provide a significantly higher level of performance versus conventional fluids. This automatic transmission fluid ensures long fluid life, improved transmission cleanliness, excellent shift performance and extended transmission life under all operating conditions and performance levels. Key features and benefits include:

Features	Advantages and Potential Benefits
Enhanced, long-term frictional properties	Improves and extends transmission efficiency, smooth shifting performance and potentially fuel savings
Outstanding thermal and oxidation stability	Keeps transmissions clean to extend life and performance even under severe operating conditions
Outstanding film-strength and anti-wear properties	Significant wear reduction and longer transmission life
Excellent low-temperature fluidity	Provides prompt and reliable lubrication at ambient temperatures below "40º C
Exceptional shear stability	Viscosity retention even under the severest heavy duty, high temperature operating conditions
Compatible with mineral ATF fluids and all common seal materials	Reduced concern in top-off emergencies and excellent leakage control

Applications

Mobil ATF SHC is recommended by ExxonMobil for use in modern high performance transmissions operating in the severe, high-temperature, heavy load or cold climate applications. It is ideal for manual transmissions designed to operate with ATF fluids, where it will provide excellent gear shifting and protection under severe operating conditions.

Specifications and Approvals

According to ExxonMobil, this product is of the following quality level:
Allison C-4
CATERPILLAR TO-2
GM DEXRON IIE
Renk Doromat

This product has the following builder approvals:
MAN 339 Typ V2
MAN 339 Typ Z2
MB-Approval 236.8
R. Bosch AS Lubricant Class TE-ML 09X

Properties and Specifications

Property	
Appearance, Visual	Red
Brookfield Viscosity @ -40 C, mPa.s, ASTM D2983	7000
Density @ 15 C, kg/l, ASTM D4052	0.839
Flash Point, Cleveland Open Cup, °C, ASTM D92	210
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	7.4
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	33
Pour Point, °C, ASTM D97	-51
Viscosity Index, ASTM D2270	200

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com
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