



Mobil ATF SHC™

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 40°C.

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 40° 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

Mobil ATF SHC has the following builder approvals:

ZF TE-ML 14B	X
ZF TE-ML 16L	X

Mobil ATF SHC has the following builder approvals:

ZF TE-ML 09X	X
MB-Approval 236.8	X
MAN 339 TYPE Z2	X
MAN 339 TYPE V2	X

According to ExxonMobil, Mobil ATF SHC is of the following quality level:

GM DEXRON IIE	X
ALLISON C-4	X
CAT TO-2	X
RENK DOROMAT	X

Typical Properties**Mobil ATF SHC**

Viscosity, ASTM D 445	
cSt @ 40°C	33
cSt @ 100°C	7.4
Brookfield Viscosity, ASTM D 5293	
-cP @ -40°C	7000
Viscosity Index, ASTM D 2270	200
Pour Point, °C, ASTM D 97	-51
Flash Point, °C, ASTM D 92	210
Density @ 15°C, kg/l, ASTM D 4052	0.839
Colour	Red

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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8-2012

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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. ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

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