

# 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 & 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 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. Mobil ATF SHC is recommended for automobiles, trucks and other vehicles requiring heavy-duty performance levels. Other applications include:

- Off-highway, heavy-duty transmissions requiring Allison C-4, Caterpillar TO-2 performance.
- Industrial applications where superior hydraulic or fluid power transmission service is required.





## Specifications & Approvals

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**Mobil ATF SHC has the following builder approvals:**

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Allison C-4 - 18231693

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Ford Mercon - M931288

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Daimler Chrysler MB 236.5/236.8

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ZF TE-ML-14C/16M

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Voith G1363

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MAN 339 Type D

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**Mobil ATF SHC is recommended for use in applications requiring:**

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General Motors Dexron II , E-25300

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Renk-Doromat

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Caterpillar TO-2

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## Typical Properties

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**Mobil ATF SHC**

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Viscosity, ASTM D 445

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cSt @ 40°C 33

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cSt @ 100°C 7.4

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Brookfield Viscosity, ASTM D 5293

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cP @ -40°C 7000

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Viscosity Index, ASTM D 2270 200

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Pour Point, °C, ASTM D 97 -51

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Flash Point, °C, ASTM D 92 210

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Density @ 15°C, kg/l, ASTM D 4052 0.839

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Colour Red

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## Health & 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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