Mobil Type F ATF

Mobil Passenger Vehicle Lube , United States

Type F Automatic Transmission Fluid

Product Description

Mobil Type F ATF is an automatic transmission fluid which is made from high quality base oils with viscosity index improvers, antioxidants, anti-wear agents, defoamants and special additives to provide the controlled frictional characteristics of a Type F fluid in automatic transmission applications.

Applications

The frictional characteristics of an automatic transmission fluid are an important factor in the design and operation of the transmission. All Ford transmissions built prior to 1977, and certain models that continued in use during 1977-1980, were designed for a high-friction fluid that allowed the shifting clutches to lock up or engage quickly. Ford specification ESW-M2C33-F covers this type of product, which is commonly referred to as "Type F" fluid.

These vehicles are identified as:

All 1976 and earlier Ford, Lincoln, and Mercury models of cars, vans, and light trucks;

All 1977-1980 models having either ESW-M2C33-F or no number at all stamped on the transmission dipstick

Mobil Type F ATF is recommended by ExxonMobil for use in applications requiring Type F fluid as follows:

- Automatic transmissions in certain older Toyota, Mazda, Volvo, and other imported vehicles that require an ESW-M2C33-F fluid. In addition, this type of ATF is specified for some Ford power steering systems.
- For the makeup and refill in power steering systems of the following Ford vehicles:

1980 and older Lincoln, Continental, and Mark;

1978 and older models of all other Ford cars, vans, and light trucks

- For anti-wear requirements of Sperry Vickers industrial hydraulic systems where low wear in the ASTM D 2882 vane pump test is the principal criterion.

Mobil Type F ATF is not recommended for automatic transmissions in Ford, General Motors, Chrysler, American Motors, or any other cars requiring a Dexron-II, Dexron-IIE, Dexron-III or Mercon-approved fluid, or for those Ford products requiring an M2C 138CJ (Type CJ) fluid or an M2C 166H (Type H) fluid.

Specifications and Approvals

According to ExxonMobil, this product is of the following quality level:
Ford ESW-M2C33-F

Properties and Specifications

Property	
Brookfield Viscosity @ -18 C, mPa.s, ASTM D2983	1600
Brookfield Viscosity @ -40 C, mPa.s, ASTM D2983	45000
Color, Visual	Red

Property	
Flash Point, Cleveland Open Cup, °C, ASTM D92	160 (320)
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	7.2
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	36
Pour Point, °C, ASTM D97	-40ºC (-40ºF)
Viscosity Index, ASTM D2270	150

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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