



## Type F ATF

Type F ATF is specifically designed for use in automatic transmissions in passenger cars and light trucks manufactured by Ford Motor Company prior to 1977, and in many 1977-1981 models. It also is recommended for use in many Borg-Warner automatic transmissions and older Ford power steering units, as well as in the hydrostatic drive systems and hydraulic systems on certain farm equipment.

Type F ATF is formulated to provide the proper frictional characteristics for positive shifting with little or no slippage. It has excellent oxidation resistance and thermal stability at high temperatures to minimize sludge and varnish formation, and provide long service life. It provides good wear protection, protects against rust and corrosion, and has good foam resistance. It also has good low-temperature properties for easier shifting in cold weather.

### **Applications**

- Service fill in all automatic transmissions and power steering units that require a fluid meeting the requirements of Ford specification ESW-M2C33-F
- Hydrostatic drive systems and hydraulic systems on certain farm equipment

Type F ATF is **not** recommended for use in transmissions that require any other type of automatic transmission fluid besides Type F.

Type F ATF meets or exceeds the requirements of:

- Ford ESW-M2C33-F (obsolete)

### **Features/Benefits**

- Proper frictional properties for transmissions that require a fluid with high static friction
- Excellent oxidation resistance and thermal stability
- Protects against sludge and varnish formation
- Protects against wear
- Protects against rust and corrosion
- Good low-temperature properties
- Good seal compatibility
- Good foam resistance

**Ford Type F  
Automatic  
Transmission Fluid**

### **Contact Information**

**U.S. Customer  
Service:  
1-800-822-6457**

**Technical Hot Line:  
1-800-766-0050**

**International  
Customer Service:  
+1-832-486-3363  
+1-832-486-3870**

**E-mail address:  
lubricants@  
conocophillips.com**

<http://lubricants.conocophillips.com>

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## Type F ATF

### Typical Properties

Specific Gravity @ 60°F	0.864
Density, lbs/gal @ 60°F	7.20
Color, Visual	Red
Flash Point (COC), °C (°F)	216 (421)
Pour Point, °C (°F)	-43 (-45)
Viscosity, Brookfield	
cP @ -18°C	1,100
cP @ -40°C	18,200
Viscosity, Kinematic	
cSt @ 40°C	43.0
cSt @ 100°C	7.6
Viscosity Index	180
Zinc, wt %	0.048

### Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification..

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