



CITGO TRANSGARD® ATF, TYPE F

Date 1/09

**DESCRIPTION:** This product is a red-dyed automatic transmission fluid meeting all of the requirements of Ford Specification M2C33-F, and is qualified and approved by Ford Motor Company.

**QUALITIES:** CITGO TRANSGARD ATF, Type F has the following properties:

**Oxidation Resistance** – A high level of oxidation resistance to prevent sludge formation and poor transmission operation even after extended service at high temperatures.

**Temperature Stability** – Good low temperature shifting yet retaining the necessary viscosity for proper operation at temperatures in excess of 300°F.

**Antiwear** – Selected antiwear additives protect against the scuffing and wear of gears, pumps and other critical moving parts.

**Lubricity** – Has a high static coefficient of friction. It is designed specifically to provide proper and reliable operation of clutches requiring a fluid with these unique properties.

**Seal Life** – Scientifically balanced formula provides the necessary seal swell properties and prevents the deterioration of rubber seals that otherwise can cause leakage.

**APPLICATIONS:** CITGO TRANSGARD ATF, Type F is recommended for use in all automatic transmissions for which a Type F fluid (Ford Specification M2C33-F) is specified. Always consult owner’s manual for manufacturer’s recommendation. (Note: Many recent Ford transmissions require MERCON or Ford Specification M2C138-CJ or M2C166-H. For these applications, CITGO TRANSGARD ATF, DEXRON-III\MERCON is recommended.)

CITGO TRANSGARD Type F is recommended for service fill of power steering units of many Ford passenger cars and light trucks, and can be used in various antiwear hydraulic fluid applications.

**TYPICAL PROPERTIES:**

**CITGO TRANSGARD® ATF, TYPE F**

Material Code	633105001
Gravity, ASTM D 4052, °API	30.5
Pounds Per Gallon	7.27
Flash Point, COC, ASTM D 92, °F (°C)	392 (200)
Viscosity, ASTM D 445, cSt at 100°C	7.2
ASTM D 2161, SUS at 100°F	178
SUS at 210°F	50
cP at -18°C <sup>(1)</sup>	1,500
cP at -40°C <sup>(1)</sup>	40,000
Viscosity Index, ASTM D 2270	174
Pour Point, ASTM D 97, °F (°C)	-40 (-40)
Color	Red

**NOTES:** (1) Ford Procedure BJ3-2; ASTM D 2983, Brookfield Apparent Viscosity