



CITGO® TRANSGARD® ATF, TYPE F

OVERVIEW



- A red-dyed automatic transmission fluid meeting all of the requirements of Ford Specification M2C33-F, Type F.

FEATURES & BENEFITS



- A high level of oxidation resistance to prevent sludge formation and poor transmission operation, even after extended service at high temperatures.
- Good low-temperature shifting while retaining the necessary viscosity for proper operation at temperatures in excess of 300°F.
- Select anti-wear additives protect against the scuffing and wear of gears, pumps, and other critical moving parts.
- Designed with a high static coefficient of friction to provide proper and reliable operation of clutches requiring a fluid with these unique properties.
- Balanced formula prevents leakage by providing seal swell properties and preventing the deterioration of rubber seals.

APPLICATIONS



- Recommended for use in all automatic transmissions for which a Type F fluid (Ford Specification M2C33-F) is specified.
- Recommended for service fill of power steering units of many Ford passenger cars and light trucks.
- Note: Many Ford transmissions require MERCON® or Ford Specification M2C138-CJ or M2C166-H. For these applications, CITGO TRANSGARD Multi-Purpose ATF is recommended.
- Can be used in various antiwear hydraulic fluid applications.
- Refer to equipment owner's manual for proper lubricant recommendation.

PROPERTIES



Typical Properties for CITGO Transgard ATF, Type F:

| Material Code | 633105001 |
|-------------------------------------|-----------|
| Gravity, ASTM D4052, °API | 33.5 |
| Pounds Per Gallon | 7.14 |
| Flash Point, COC, ASTM D92, °F (°C) | 405 (207) |
| Viscosity, ASTM D445 | |
| cSt at 100°C | 7.57 |
| cSt at 40°C | 41.1 |
| cSt at -18°C | 1,040 |
| cSt at -40°C | 38,000 |
| Viscosity Index, ASTM D2270 | 154 |
| Pour Point, ASTM D97, °F (°C) | -43 (-42) |
| Color | Red |

NOTES: (1) Ford Procedure BJ3-2; ASTM D2983, Brookfield Apparent Viscosity

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