

Type F ATF



Automatic Transmission Fluid

General Description

Type F automatic transmission fluid (ATF) meets the performance requirements for special frictional characteristics, transmission cleanliness, and low temperature pumpability required in the Ford Type F specification.

Type F ATF is formulated with high quality base oils and a special additive system designed to permit rapid power transfer during shift cycles. The special additive system also prevents wear, oil seal deterioration, excessive oxidation from high temperature operation and corrosion of copper containing alloys used in some transmissions.

The anti-wear performance of Type F ATF has long been a desired characteristic for hydrostatic transmission performance and many hydraulic system manufacturers.

Features and Benefits

- **Frictional Properties:** Stable frictional properties assure rapid power transfer and excellent retention of shifting performance throughout the service interval.
- **High Temperature Protection:** Good protection for high operating temperatures experienced in vehicles and hydraulic systems.
- **Anti-wear Performance:** Superior anti-wear performance leads to less wear and longer equipment life in transmissions and hydraulic systems.
- **Cold Flow:** Good cold temperature flow characteristics assures ease of pumping and good shifting capabilities, even at low temperatures.

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Typical Application

Type F ATF is recommended for use in the following applications:

- Ford M2C-33F or G
- Sundstrand Hydrostatic Transmissions
- Hydraulic systems as recommended by the manufacturer

Type F ATF is **NOT** recommended for use where Dexron®, Dexron® II, Dexron® III, or Chrysler 7176 Fluids are required since excessive shudder may occur.

Typical Properties

Viscosity, cSt (SUS) @ 40°C	36.5 (171)
@ 100°C	7.2 (50.8)
Brookfield Viscosity -40°C	31,000
Viscosity Index	165
API Gravity / lbs./gal.	32.1 / 7.20
Pour Point, °F/ °C	-54 / -48
Flash Point, °F	370
Color	RED

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

Health & Safety

A complete safety data sheet is available by calling 1-651-355-8438 or visit www.cenex.com.