



# Makina Grease & Lubricants Manufacturing L.L.C.

## Tridon ATF-III

### Description

Tridon ATF-III is a superior quality semi - synthetic automatic transmission fluid which is formulated to meet the latest requirements of General Motor DEXRON-III, Allison C-4, the earlier M2C 185-A and the current Ford MERCON specification.

It has excellent corrosion and rust preventive properties and rigid anti-foam characteristics. It will not cause excessive seal swell or shrinkage, nor will it cause seals to excessively harden or soften. Its excellent oxidation stability keeps the transmission parts virtually clean.

Tridon ATF-III is designed to meet the low temperature viscosity requirement of DEXRON-III and MERCON and will give trouble-free operation especially in cold weather.

Tridon ATF-III carries the following approvals:

- Allison C-4 C4-19761994
- Ford MERCON M 940905
- GM DEXRON-III F 30324

### Application

Because automobile automatic transmissions are usually operated through wide temperature ranges without fluid changes, a high quality product should be used. Because "in gear" idling can quickly generate high temperatures, the fluid must combat oxidation.

Ideally, automatic transmission fluids should provide near perfect control of rubber swelling, an important requirement for proper seal performance.

In addition to General Motors and Ford vehicles Tridon ATF-III is also recommended for the automatic transmissions of vehicles and construction plant built by other European, Japanese and other U.S. Manufacturers.

Tridon ATF-III offers:

- Excellent oxidation stability, as measured in the General Motors 4L60 and Ford ABOT tests resulting in cleaner transmission and more reliable operation.
- Stable friction properties as demonstrated in the MERCON® 1500-cycle friction durability test and DEXRON-III 20,000-cycle cycling test and friction durability tests.
- Excellent low temperature fluidity, meeting DEXRON-III and MERCON® viscosity requirements of maximum 20,000 cP at -40°C.
- Compatibility with a wide range of Elastomers and metals, providing protection against leakage and wear.

**Caution:** Do not overfill automatic transmissions as this may cause foaming and possible malfunction of the unit. Failure to use specific manufacturer's recommendations with regard to transmission fluid could void the vehicle warranty.



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## Typical Characteristics

PROPERTIES	UNITS	TEST METHOD	VALUE
Color			Red
Density @ 15 °C	kg/m <sup>3</sup>	ASTM D-4052	864
Viscosity @ 40 °C	mm <sup>2</sup> /s	ASTM D-445	31.4
Viscosity @ 100 °C	mm <sup>2</sup> /s	ASTM D-445	6.76
Viscosity Index		ASTM D-2270	182
Flash Point, COC	°C	ASTM D-92	212
Pour Point	°C	ASTM D-97	- 42