

ATF III



BEHTAM
RAVANKAR

Automatic Transmission Fluid

USES

- Automatic gearboxes.
- Torque converters and couplers.
- Power steering systems

ATF III IS RECOMMENDED FOR ALL AUTOMATIC TRANSMISSIONS AND HYDRAULIC SYSTEMS FOR WHICH A DEXRON III FLUID IS REQUIRED BY THE MANUFACTURER.

PROPERTIES

ATF III PROVIDES MANY PHYSICO-CHEMICAL PROPERTIES REQUIRED FOR AUTOMATIC TRANSMISSIONS OF THE LATEST DESIGN:

- Special friction properties giving controlled slip for friction components: gear changing quality, demands smooth clutching action without excessive slip and free from chatter. This basic property which depends on the relative static and dynamic friction coefficients and the variation of the latter with speed, is obtained by means of special unctuous additives,
- Low temperature fluidity to avoid surge or sudden overload of circuits when starting in very cold weather,
- High anti oxidation capacity, thermal stability and detergent properties preserving the overall performance during long periods of use and preventing from the formation of deposits, gums and varnishes,
- High viscosity index,
- Will not affect elastomers and non-ferrous metals like copper or alloys,
- Excellent wear protection of gears, pumps and thrust bearings,
- Excellent anticorrosion and antirust properties,
- Low pour point.

TYPICAL CHARACTERISTICS

Characteristics	Units	ATF III
Colour	-	Red
Specific Gravity @ 15 °C	Kg/dm ³	0.842
Kinematic Viscosity @ 40 °C	mm ² /s	31.3
Kinematic Viscosity @ 100 °C	mm ² /s	7.0
Dynamic Viscosity @ -40 °C	mPa.s(cP)	20,000 max.
Viscosity Index	-	193
Pour Point	°C	-42
Flash point	°C	180 min

The typical characteristics mentioned represent mean values

SPECIFICATIONS

Meets the requirements of:

GM DEXRON III H / DEXRON II D
FORD MERCON
ALLISON C4