

Automatic Transmission Fluid - ATF III

Brighton ATF III Automatic Transmission Fluid DEXRON III is high performance multifunctional fluid power transmission. **Brighton ATF III** is recommended for all automatic transmissions and hydraulic systems for which a DEXRON III fluid is required by the manufacturer.

Application

Brighton ATF III is recommended for automatic or semi-automatic transmissions and torque converters of passenger cars, light commercial vehicles and industrial vehicles. **Brighton ATF III** is applicable in Hydrostatic transmissions, Power steering, Hydraulic systems when a fluid type DEXRON III is required

Performance Level

- GM DEXRON III H
- FORD MERCON
- Meets the requirements of ALLISON C4

Additional Quality Features

Brighton 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

PROPERTIES	UNIT	VALUE
Volumetric mass at 15 °C	kg/m ³	860
Viscosity @ 40 °C	mm ² /s (cSt)	34
Viscosity @ 100 °C	mm ² /s (cSt)	7.5
Viscosity Index	-	199
Flash point Cleveland	°C	180
Pour point	°C	-42
Color	-	Red