RYMAX LUBRICANTS

MADE IN HOLLAND

TECHNICAL DATA SHEET

ATEXIO II

AUTOMATIC TRANSMISSION FLUID

Description

ATF are among the most complex lubricants on the market today. Containing as many as 15 components, ATFs represent a careful balance of properties needed to meet the unique requirements of automatic transmissions. They may be described as viscometrically similar to SAE 0W-20 grade oils, but with exceptionally good low temperature properties. ATFs contain some of the same additives as engine oils, but with additional material to give special frictional properties and exceptional oxidation resistance. Because of their excellent low temperature fluidity and antiwear properties, automatic transmission fluids perform well as hydraulic fluids in industrial equipment and air compressors, provides water separation is not required.

These fluids perform five basic functions:

- Transmit hydronamic energy in the torque converter.
- Transmit hydrostatic energy in hydraulic logic control circuits and servomechanisms.
- Lubricate shaft bearings, thrust bearings and gears.
- Transmit sliding friction energy in bands and clutches.
- Act as a heat transfer medium controlling automatic transmission operating temperatures.

ATF specifications are in a state of flux and now there are several types of fluid specified for North American transmissions. The ATF used for older vehicles mostly is our DEXRON® II, recommended for transmission top-up or refill, by most automobile manufacturers.

Benefits

Our ATF DEXRON® II demonstrates outstanding oxidative and thermal stability, giving extremely long service life over the most severe operating conditions. The fluids operating range is between -40 °C and +160 °C. Atexio II is superior to 10W motor oils commonly used in mobile equipment hydraulic systems, because it has better cold starting performance, superior materials compatibility and a greater resistance to oxidation.
Our ATF DEXRON® II also acts as an excellent hydraulic fluid and is surpasses the performance of most top quality antiwear hydraulic fluids or motor oils.

Performance levels

- Dexron II D
- Mercon
- Ford M2C-138CJ/M2C-166H
- MB 236.5
- ZF TE-ML 09A/B
- Voith 55.6335.xx (G607), 55.6336.xx (G1363)

Typical Properties

Density 15 °C	kg/m3	863
Viscosity 40 °C	cSt	37.3
Viscosity 100 °C	cSt	7.24
Viscosity Index		160
Pour Point	°C	-42
Flash Point C.O.C	°C	172
Operating temperature	°C	-40/160