FLUIDMATIC XLD FE

Extra Long Drain Automatic Transmission Fluid

PERFORMANCE LEVELS

OEM-approved:

- ✓ ZF TE-ML 04D/14B/16L/20B
- ✓ VOITH H55.6336.xx
- ✓ MAN 339 Type V2/Z2
- ✓ Mercedes-Benz MB-Approval 236.6
- ✓ Allison C4 (n° 32802009)
- ✓ Volvo 97341

Meets the requirements:

- ✓ MAN 339 Type Z3
- ✓ GM Dexron IIIH
- ✓ ZF TE-ML 02F
- ✓ Mercedes-Benz MB 236.91
- ✓ VW TL 52162
- ✓ Ford Mercon/Mercon V
- ✓ JASO 1A
- ✓ Toyota T-IV
- ✓ Hyundai, Kia, Mitsubishi SP-III
- ✓ Honda Z-1
- ✓ Mazda M-III / M-V
- ✓ Aisin Warner JWS 3309

Suitable for:

- ✓ ZF TE-ML 11B
- ✓ Nissan: AT-Matic D, J, K

APPLICATIONS

- New generation automatic transmission fluid based on an advanced synthetic technology allowing extra-long drain and very high performance needed for the demanding requirements of modern heavy duty automatic gearboxes.

- Is particularly recommended for use on heavy duty automatic transmissions (found on buses, refuse trucks, utility vehicles etc.) manufactured by Voith and ZF requiring maximal drain intervals.

- Can be used in:

  - ➢ Asian step-automatic transmissions requiring strong antishudder durability, including following OEMS: Nissan (Matic D,J,K), Mazda (M-III, M-V), Honda (Z-1), Toyota (T-IV, JWS3309), Hyundai, Kia, Mitsubishi (SP-II / SP-III).
  - ➢ For the lubrication of materials used in Public Works or Quarries.

TOTAL LUBRIFIANTS – Immeuble Spazio
562, avenue du Parc de l'île
92029 Nanterre cedex
France

This lubricant does not cause adverse health effects when used in the intended application. A safety datasheet, is accessible on request from your local dealer.

- Suitable for the hydraulic systems where an Automatic Transmission Fluid (ATF) GM Dexron III is required.

CUSTOMER BENEFITS

- **Outstanding oxidation and thermal stability resulting** in lower deposit and harmful acidic by-product formation, for a maximal drain interval capability.
- **Very stable viscosity profile,** even under very severe constrains of shear, to ensure adequate lubrication all over time.
- **Excellent filterability** allowing the reduction of filter change intervals, thus reducing operating costs.
- Great foaming resistance for optimal lubrication condition and hydraulic efficiency
- Very good protection against wear corrosion
- **Superior friction stability,** to maintain and excellent shifting quality over a very long time.
- **Improved anti-wear technology compared** to previous ATF technologies, for a better protection of components under the continuously increasing load constrains and a maximal efficiency of power transmission for better fuel economy.
- Very good seal compatibility preventing oil leakages.
- **Enhanced friction modifiers** improving driver comfort with smooth, efficient and no-shudder shifting.

PHYSICAL AND CHEMICAL CHARACTERISTICS

FLUIDMATIC XLD FE	Unit	Method	Value
Colour	-	ASTM D1500	Red
Density at 15°C	kg/m^3	ASTM D4052	850
Kinematic Viscosity at 40 °C	mm2/s	ASTM D445	33,93
Kinematic Viscosity at 100°C	mm^2/s	ASTM D445	7,155
Brookfield Viscosity at -40°C	cP	ASTM D2983	11000
Viscosity Index	-	ASTM D2270	183
Pour Point	°C	ASTM D97	-45
Flash Point	°C	ASTM D92	212

The features mentioned above are average values obtained with some variability in production and do not constitute a specification.

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afaq ISO 9001 Qualité AFNOR CERTIFICATION

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RECOMMENDATIONS FOR USE

Before using the product, it is important to check the service manual of the vehicle: the drain is carried out according to the manufacturer's requirements.
The product should not be stored at a temperature above 60 °C while avoiding exposure to strong sunlight, extreme cold or high temperature variations.
All packages should be protected from bad weather conditions. Otherwise, the drums should be stored horizontally to avoid a possible contamination by water and the damage of the product label.

HEALTH, SAFETY AND ENVIRONMENT

Based on available information, this product does not cause adverse health effects when used in the intended application and the recommendations provided in the Safety Data Sheet (MSDS) are followed. The information is accessible on request from your local dealer or on the website www.quickfds.com.
This product should not be used for applications other than those for which it is intended.
If disposing of used product, take care to protect the environment and comply with local regulations.

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