FLUIDMATIC XLD FE

Automatic Transmission Fluid

KEY DATA

OEM-APPROVED:

- ZF TE-ML ZF TE-ML 04D/14B/16L/20B/25B
- VOITH H55.6336.xx/H55 6335.xx
- MAN 339 Type L1/V1/V2/Z2/Z11
- Mercedes-Benz MB-Approval 236.6/236.9
- Allison C4 (n° 32802009)
- Volvo 97341

MEETS THE REQUIREMENTS*:

- Ford Mercon / Mercon V
- GM Dexron IIIH / IIIG
- JASO M315-1A

SUITABLE FOR*:

- Allison TES-389/TES-295
- Aisin Warner JWS 3309, JWS 3314, JWS 3317
- BMW 7045E, 5 Series, LA 2634, LT 71141
- Honda Z-1
- Hyundai/Kia/Mitsubishi SP-II, SP-III
- Mitsubishi ATF J-2
- Mazda ATF M-III / M-V
- MB 236.1/236.2/236.5/236.7/236.10/236.11/236.81/236.91
- Nissan 402, Nissan Matic-D, J, K
- Subaru ATF, ATF-HP
- Toyota T, T-II, T-III, T-IV
- Volvo 97340
- VW/Audi G 052 162, G 052 990, G 055 025
- ZF TE-ML 05L/09/11A/11B/17C

*Please refer to car owner's manual

TECHNOLOGY

Life-boost technology

Your peace of mind solution.

Life-boost technology will maximize the durability of the components and parts of the driveline equipment of your vehicle.

Our products will offer the best services as your vehicle will require drastically less maintenance providing reduced Total Cost Ownership (TCO) with on top a significant extended drain interval. **A solution which offers a peace of mind throughout the normal lifetime of your vehicle.**

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 anti-shudder 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).

And also, for the lubrication of materials used in Public Works or Quarries.

CUSTOMERS 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.

CHARACTERISTICS*

TEST	UNIT	TEST METHOD	RESULT
Kinematic viscosity at 40°C	mm^2/s	ASTM D445	33.93
Kinematic viscosity at 100°C	mm^2/s	ASTM D445	7.155
Viscosity Index	-	ASTM D2270	183
Flashpoint	°C	ASTM D92	212
Pour point	°C	ASTM D97	-45
Density	Kg/m^3	DIN 51757 D	850

* The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

RECOMMENDATIONS FOR USE

Before using the product, the vehicle's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations. The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations. If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

HEALTH, SAFETY AND THE ENVIRONMENT

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet (SDS). This can be obtained on request from your local reseller and is available for consultation at http://sdstotalms.total.com. This product should not be used for any purposes other than the ones for which it is intended.

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Some variations can be expected under normal production conditions, but these should not affect the product's expected performance irrespective of the site. The information contained in this document is subject to change without notice. Our products can be viewed on our website at www.lubricants.total.com.