



FLUIDE XLD FE

Extra Long Drain Automatic Transmission Fluid

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, Allison 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.
- Is suitable for all applications requiring the following levels of performance Allison TES 295 and ZF 14 C

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.

SPECIFICATIONS

Homologated :

ZF TE-ML 04D, 09, 14B , 16L & 17C, ALLISON C-4 – n° 32802009,
MAN 339 Typ V2 & Z-2 , Volvo 97341
VOITH H55.6336 , MB-Approval 236.6

Meets the performance requirements of the following specifications :

Allison TES 295/ TES 389

MB-Approval 236.91

ZF 14C, 02F, 11B MAN 339 Z-3

Dexron® III-H , Mercon® / Mercon® V

CHARACTERISTICS*

Test	Unit	Test method	Result
Volumetric mass at 15°C	kg/m ³	ASTM D1298	850.4
Viscosity at 40°C	mm ² /s	ASTM D445	33.7
Viscosity at 100°C	mm ² /s	ASTM D445	7.1
Viscosity index	-	ASTM D2270	181
Flash point Cleveland	°C	D92	212
Pour point	°C	ASTM D97	-51

* The typical characteristics mentioned represent mean values.

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. This can be obtained on request from your local reseller and is available for consultation at www.quickfds.fr.

This product should not be used for any purposes other than the ones for which it is intended.

When disposing of the product after use, please protect the environment and comply with local regulations.

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