



ZF Friedrichshafen AG · 88038 Friedrichshafen

TOTAL Lubrifiants
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FRANCE

Corporate Research & Development

Department	DTGM4
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Your Ref.	
Our Ref.	
Date	2017-12-04

Total Transmission Axle 7 80W-90

Dear Madam / Sir

Due to your confirmation that the formulation of your lubricant Total Transmission Axle 7 80W-90 (ZF approval number ZF001770) has not changed and will continue to conform to the data of your approval application of 2014-12-18, we confirm approval for application according to the ZF Lubricant Class/es

- **TE-ML 12E**
- **TE-ML 17B**
- **TE-ML 19B**

Approval is based on the data in your approval application of 2014-12-18, extended on 2017-12-04. Any alterations of these data will result in withdrawal of approval and the need to submit a new application. You are under the obligation to report any changes to approved products without delay. The approval of this oil is subject to the General Terms and Conditions for Research and Development Services (applicable as of 11/2015) of ZF Friedrichshafen AG.

Approval is valid for 12 months. If after 11 months you use our approval system "lubricant data file" to confirm unaltered condition of the formulation, approval will be extended by another 12 months. If not, approval will automatically be withdrawn. A reminder will be mailed to you in good time.

Best regards

Stella Braunschweig