



Industrial Technology

Stationary applications

List of lubricants TE-ML 23

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The list of lubricants TE-ML 23, **edition 01.10.2026** replaces all previous editions. The current list can be requested from any ZF after-sales service center or accessed on the Internet under www.aftermarket.zf.com/lubricants.

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Disclaimer: The lubricants and providers listed herein are presented solely for the purpose of documenting lubricants that were tested for compatibility with our products. This listing does not constitute an endorsement, recommendation, or preference for any of the mentioned lubricants, manufacturers, or providers. The inclusion of any lubricant in this list does not imply that it is superior to other available options, nor does it indicate that other lubricants or providers are unsuitable for use with our products. There may be additional lubricants, manufacturers, or providers — whether known or unknown to us — that are fully compatible or otherwise appropriate. It remains the sole responsibility of each customer to verify and comply with all applicable sanction laws and regulations prior to purchasing any of the mentioned lubricants.

1. Approved lubricant classes

Product group	Lubricant classes for service fills ⁽¹⁾
8TX10500, 8TX10501, 8TX10502	23A

2. Oil and filter change intervals

Lubricant class ⁽¹⁾	Oil and filter change interval [h/ year] ⁽³⁾
23A	1500 h 1 x year

3. Low temperatures limits

Lubricant class ⁽¹⁾	Viscosity grades	Use at outside temperatures above
23A	10W-40	- 10°C ⁽²⁾

4. Explanation of footnotes and comments

- (1) Refer to the following pages for approved commercial products.
- (2) At outside temperatures below 0°C, the warm-up provisions described in the manual must be observed.
- (3) Oil and filter change required, depending on what occurs first. Use only ZF original filter elements.

Additives of any kind added **later** to the oil change the oil in a manner that is unpredictable, and they are therefore not permitted. No liability of any kind will be accepted by ZF for any damage resulting from the use of such additives.

5. Lubricant classes and approved trade products

Lubricant class 23A

Manufacturer (23A)	Trade name (23A)	ZF approval number
EXXONMOBIL CORPORATION, HOUSTON, TX/US	MOBIL DELVAC XHP ESP 10W-40	ZF005940
EXXONMOBIL CORPORATION, HOUSTON, TX/US	MOBIL DELVAC MODERN 10W-40 ADVANCED PROTECTION	ZF008335
EXXONMOBIL CORPORATION, HOUSTON, TX/US	MOBIL DELVAC MODERN 10W-40 ADVANCED PROTECTION	ZF012010
EXXONMOBIL CORPORATION, HOUSTON, TX/US	MOBIL DELVAC MODERN 10W-40 ADVANCED PROTECTION	ZF012071
EXXONMOBIL CORPORATION, HOUSTON, TX/US	MOBIL DELVAC MODERN 10W-40 ADVANCED PROTECTION	ZF012070
EXXONMOBIL CORPORATION, HOUSTON, TX/US	MOBIL DELVAC MODERN 10W-40 ADVANCED PROTECTION	ZF012019
EXXONMOBIL CORPORATION, HOUSTON, TX/US	MOBIL DELVAC XHP ESP 10W-40	ZF012018
SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB	SHELL RIMULA R6 M 10W-40	ZF006057
SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB	SHELL RIMULA R6 MS 10W-40	ZF006061
SINOPEC LUBRICANT CO., LTD., BEIJING/CN	SINOPEC TULUX L1000 10W-40	ZF006129
TOTALENERGIES LUBRIFIANTS, NANTERRE/FR	RUBIA TIR 8600 10W-40	ZF005944