



## Stationary applications

## List of lubricants TE-ML 23

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## 1. Approved lubricant classes

Product group	Lubricant classes for service fills <sup>(1)</sup>
8TX10500, 8TX10501, 8TX10502	23A, 23B

## 2. Oil and filter change intervals

Lubricant class <sup>(1)</sup>	Oil and filter change interval [h/ year] <sup>(3)</sup>
23A	1500 h 1 x year
23B	1000 h 1 x year

## 3. Low temperatures limits

Lubricant class <sup>(1)</sup>	Viscosity grades	Use at outside temperatures above
23A	10W-40	- 10°C <sup>(2)</sup>
23B	15W-40	+ 10°C <sup>(2)</sup>

## 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.

The list of lubricants TE-ML 23, **edition 01.04.2024** 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](http://www.aftermarket.zf.com/lubricants).

**ZF Friedrichshafen AG**  
D-88038 Friedrichshafen  
[www.zf.com/contact](http://www.zf.com/contact)

## 5. Lubricant classes and approved trade products

### Lubricant class 23A

#### Manufacturer (23A)

EXXONMOBIL CORPORATION, HOUSTON, TX/US  
EXXONMOBIL CORPORATION, HOUSTON, TX/US  
EXXONMOBIL CORPORATION, HOUSTON, TX/US  
SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB  
SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB  
SINOPEC LUBRICANT CO., LTD., BEIJING/CN  
TOTALENERGIES LUBRIFIANTS, NANTERRE/FR

#### Trade name (23A)

MOBIL DELVAC XHP ESP 10W-40  
MOBIL DELVAC MODERN 10W-40 SUPER DEFENSE V1  
MOBIL DELVAC MODERN 10W-40 ADVANCED PROTECTION  
SHELL RIMULA R6 M 10W-40  
SHELL RIMULA R6 MS 10W-40  
SINOPEC TULUX L1000 10W-40  
RUBIA TIR 8600 10W-40

#### ZF approval number

ZF005940  
ZF006059  
ZF008335  
ZF006057  
ZF006061  
ZF006129  
ZF005944

**Lubricant class 23B**