



Historical Manual Transmissions for Trucks and Passenger Cars

List of lubricants TE-ML 24

Table of contents	Page
1. Historical manual transmissions for trucks	1
2. Historical manual transmissions for passenger cars	2
3. Lubricant classes	3

1. Historical manual transmissions for trucks

Product groups	Oil fill volume in liters	Recommended lubricants/lubricant classes (see following pages)
AKS-25	1.75	ZF-Ecofluid M or Transmission oil according to lubricant class 24A
K / Kb 30 / D / K K 35 K / Kb 40 / D K / Kb 45 K / Kb 50 K / Kb 60	1.5 Not documented 3.0 Not documented 5.5 7.5	ZF-Ecofluid M or Transmission oil according to lubricant class 24A
FAK 40, FAK 45, FAK 55	5.6 / 6.1 / 10.5	ZF-Ecofluid M or Transmission oil according to lubricant class 24A
FAKS 30, FAKS 40, FAKS 45, FAKS 55	4.0 / 5.6 / 6.8 / 10.5	ZF-Ecofluid M or Transmission oil according to lubricant class 24A
Aphon ZG 35, ZG 45, ZG 55 ZG 35/36, ZG 45/46, ZG 55/56	4.0 / 5.5 / 8.0 4.4 / 7.0 / 6.95	ZF-Ecofluid M or Transmission oil according to lubricant class 24A

<p>The list of lubricants TE-ML 24, edition 01.10.2018 replaces all previous editions. The current list can be requested from any ZF after-sales service center or accessed on the Internet under www.zf.com/lubricants.</p>	<p>ZF Friedrichshafen AG D-88038 Friedrichshafen www.zf.com/contact</p>
--	--

2. Historical manual transmissions for passenger cars

Product groups	Oil fill volume in liters	Recommended lubricants/lubricant classes (see following pages)
Standard transmissions DKb 10 DKb 15 Kb 20, DKb 20 DKb 30 K 35, Kb 35, DK 35, DKb 35	Not documented	ZF-Ecofluid M or Transmission oil according to lubricant class 24A
Aphon G 25, G 35, G 45, G 55	2.0 / 3.0 / 4.0 / 6.5	ZF-Ecofluid M or Transmission oil according to lubricant class 24A
Aphon ZG 35, ZG 45, ZG 55 ZG 36, ZG 46, ZG 56	4.0 / 5.5 / 8.0 4.0 / 5.5 / 8.0	ZF-Ecofluid M or Transmission oil according to lubricant class 24A
FE 25, FE 35	0.5 / 0.5	ZF-Ecofluid M or Transmission oil according to lubricant class 24A
AKS-15, AKS-20 AK 4 S-15 AK 4 S-20, AK 4 S-20 with Fe 25 AK 4 S-30, AK 4 S-30 with Fe 35	1.35 / 2.25 1.5 2.0 / 2.5 2.0 / 2.5	ZF-Ecofluid M or Transmission oil according to lubricant class 24A
S 4-15, S 4-17, S 4-18 S 5-16, S 5-17, S 5-18/3, S 5-24/3, S 5-325	1.25 / 1.4 / 1.6 1.15 / 1.7 / 1.6 / 1.8 / 2.0	ZF-Ecofluid M or Transmission oil according to lubricant class 24A or Engine oil according to lubricant class 24B
S 5-31	1.3	BP Castrol BOT 338 => BMW Oil No. 2300 7533 513 => Castrol Syntrans B 75W (also refer to ZF List of Lubricants TE-ML 11)
S 5-20 S 5-20 replica 2012	1.1 1.1	ZF-Ecofluid M or Transmission oil according to lubricant class 24A or Engine oil according to lubricant class 24B
BMW-Hurth-328 (ZF replica for BMW 328)	1.2	ZF-Ecofluid M or Transmission oil according to lubricant class 24A
5 DS-25, 5 DS-25/1, 5 DS-25/2	2.0 / 2.0 / 3.5	ZF-Ecofluid M or Transmission oil according to lubricant class 24A

3. Lubricant classes

Lubricant class 24A

Gear oil in accordance with Specification

- API GL-4

- MIL-L-2105

Viscosity grade: SAE 80

Base oil API Group 1 / 2

Note: All trade products which satisfy the above specifications may be used. There will be no product listing.

Lubricant class 24B

Engine oil in accordance with specification

- API CD/CE/CF/CF-4/CG-4/CH-4/CI-4/CI-4 Plus

- API SF/SG/SH/SJ/SL/SM

- ACEA-categories A/B/E

Viscosity grade: SAE 20W-20 / 30

Base oil API Group 1 / 2

Note: All trade products which satisfy the above specifications may be used. There will be no product listing.