



REDOIL

TECHNICAL DATA SHEET

ATF LONG ZF-ecolife

Lubricant for heavy-duty automatic transmissions



EELQMS

EUROPEAN ENGINE
LUBRICANTS QUALITY
MANAGEMENT SYSTEM

Data di prima emissione
19/11/2021

Rev. N°4 del 01/07/2024

SPECIFICS

ZF TE-ML 04D
ZF TE-ML 14E
ZF TE-ML 16N
ZF TE-ML 20G/20E/20F
ZF TE-ML 25F
SFU MAN 339 Tipo Z4 ECOMAT / Z13 ECOLIFE
SFU IVECO IRISBUS ECOMAT/ECOLIFE



TECHNICAL DESCRIPTION

High-performance synthetic lubricant specially formulated for ZF automatic transmissions of the Ecomat and Ecolife type used in heavy-duty public transport systems operating under extreme loads, stop-and-go traffic and continuous use.

The special ECO formulation allows for extraordinarily long lubricant drain intervals of up to 480000 km/4 years according to the manufacturer's recommendations (in any case, recommendations may differ between manufacturers so that driver and/or dealer manuals are consulted in case of doubt). Its additive formulation offers: proverbial resistance to oxidation, optimises friction characteristics, improves smoothness at low temperatures and improves the heat dissipation properties of the parts in contact. These characteristics guarantee maximum respect for the environment and the security of being able to demand maximum performance from the latest generation of high-performance ATF systems.

The use of this product ensures:

- Very high thermal and oxidative stability;
- High heat exchange coefficient to ensure maximum cooling;
- Exceptional friction control;
- Maximum resistance to wear;
- Maximum compatibility with materials used in these systems;
- Low pour point;
- Maximum cleaning action;
- Maximum anti-foaming action;
- High anti-corrosion and anti-rust properties.

For further details, please contact the technical department



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Responsabile di laboratorio



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Typical characteristics

Properties	Unit	Method	Average values
Colour	-	Visual	Amber
Appearance	-	Visual	limpid
Density	Kg/dm ³	ASTMD7042	0,841
Viscosity 40°C	cSt	ASTMD445	59
Viscosity 100°C	cSt	ASTMD445	10,2
Viscosity Index	-	ASTMD2270	162
Flash Point	°C	ASTMD92	241
Freezing point	°C	ASTMD97	-54

MODE OF USE

Use in accordance with the recommendations in the user and maintenance manual supplied by the manufacturer. Store in a cool, dry place, protected from direct sunlight and at temperatures not exceeding 60°C (140°F).

SAFETY AND ENVIRONMENT

Use in accordance with the recommendations provided in the Safety Data Sheet. Additional information on MSDS.



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