



# REDOIL

## TECHNICAL DATA SHEET



EELQMS

EUROPEAN ENGINE  
LUBRICANTS QUALITY  
MANAGEMENT SYSTEM  
Data di prima emissione  
19/11/2021

Rev. N°4 del 01/07/2024

### LONG LIFE 5W-20 ECO

Engine Lubricant Heavy-Duty Diesel Oil HDDO-FE heavy-duty traction

#### SPECIFICS

SCANIA LDF-5  
MAN M3977



#### TECHNICAL DESCRIPTION

Heavy-duty lubricant, developed in collaboration with an engineering design project for the development of high-efficiency engines.

The unique polyalphaolefin-based formula offers low HTHS values, providing a notable economic benefit in operational costs while also reducing environmental impact. The low-ash content additives facilitate the combination of protection, reduced pollutant emissions and maximum engine performance.

The use of this product ensures the following benefits:

- Maximum fuel consumption reduction of up to 4% thanks to fuel-economy properties;
- Maximum energy efficiency;
- Low friction coefficient;
- Reduced pollutant emissions;
- Anti-oxidation action to combat molecular degradation of the lubricant;
- Maximum thermal stability;
- Extended oil change intervals;
- Maximum detergency;
- High dispersant, anticorrosion, and antirust properties.

For further details, please contact the technical department.



P.IVA/C.F.: 03903071219



Via Boscofangone, Zona industriale ASI  
80035 – NOLA (NA) – ITALIA  
Tel: 081 3151396/97  
Fax: 081 3151605  
Web: [www.siralspa.it](http://www.siralspa.it)  
[laboratorio@siralspa.it](mailto:laboratorio@siralspa.it)

Responsabile di laboratorio



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#### *Typical characteristics*

Properties	Unit	Method	Average values
Colour	-	Visual	Amber
Appearance	-	Visual	limpid
Density	Kg/dm <sup>3</sup>	ASTMD7042	0,851
Viscosity 40°C	cSt	ASTMD445	49,5
Viscosity 100°C	cSt	ASTMD445	9,02
Viscosity Index	-	ASTMD2270	165
Flash Point	°C	ASTMD92	229
Freezing point	°C	ASTMD97	-40

#### 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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[laboratorio@siralspa.it](mailto:laboratorio@siralspa.it)

**Responsabile di laboratorio**  
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