



# 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 SAE 30

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

#### SPECIFICS

API SF SG/CF-4  
MIL-L- 2105-D  
CAT-T04  
FORD M2C-159B  
MB 228.0  
MTU-1 MAN M270



#### TECHNICAL DESCRIPTION

Special monograde lubricant particularly recommended for use in turbocharged or naturally aspirated diesel engines operating under heavy pressure and high-temperature conditions over long distances and extended periods. The modern additive technology ensures the neutralization of acids that form as a result of using fuels with a high sulfur content and provides greater cleanliness of the engine's internal components. Notable features include optimal friction properties, excellent lubricant film strength, and superior low-temperature fluidity, allowing the lubricant to quickly reach even the most hidden engine parts. It guarantees high oxidation resistance and prevents the formation of sludge, varnish, and carbon deposits, thereby eliminating the sticking of piston rings. The SAE 30 viscosity grade is specifically developed for use in high external temperature conditions and for engines that, due to their design or wear, tend to consume lubricants.

The use of this product ensures:

- Acid-neutralizing action;
- Prevention of deposits, varnish, and sludge;
- Maximum thermal stability;
- Extended oil change intervals;
- Maximum detergency;
- High dispersancy, anticorrosion, and antirust properties.

For further details, please contact the technical department.



P.IVA/C.F.: 03903071219



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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 <sup>3</sup>	ASTMD7042	0,88
Viscosity 40°C	cSt	ASTMD445	89
Viscosity 100°C	cSt	ASTMD445	11,1
Viscosity Index	-	ASTMD2270	111
Flash Point	°C	ASTMD92	233
Freezing point	°C	ASTMD97	-27

### 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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