



# REDOIL

## SCHEDA TECNICA

### LONG LIFE SINTEX 5W-30 LS

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



**EELQMS**  
EUROPEAN ENGINE  
LUBRICANTS QUALITY  
MANAGEMENT SYSTEM

Data di prima emissione  
12/11/2021

#### SPECIFICS

ACEA E11 /E9/E7/E6/E4 API CK4/CJ-4/CI-4+/CI-4/CH-4  
 DAIMLER TRUCK DTFR15C120 -( MB228.52)  
 DTFR 15C110-( MB 228.51) DTFR 15C100-(MB228.31)  
 MAN 3477 M3777 M3775 M3677 M3691 M3271-1 MTU3.1  
 VOLVO VDS-5 VDS-4.5/VDS 3/CNG  
 RENAULT RLD-3 RLD-4  
 SCANIA LA and LDF-4 JASO DH-2 DH-1 DL 0  
 SFU IVECO 18-1811 IVECO 18-1804 TLS-E6 IVECO 18-1804 TLS-E9  
 CUMMINS CES20086 CES 20081 DEUTZ DQC IV-10 LA/ DQC IV-18 LA DETROIT DIESEL93K218  
 CATERPILLAR ECF-3 MACK EO-O PREMIUM PLUS MACK EOS 4.5



#### TECHNICAL DESCRIPTION

The formula has been developed by the SIRAL research team using innovative technologies that incorporate metallocene molecules (m-PAO) into the composition. These molecules provide high oxidative stability and fully meet the requirements for extended mileage, ensuring optimal performance and long-lasting protection for your engine.

This product is recommended for use in high-quality diesel engines that meet the emission standards of Euro I, Euro II, Euro III, Euro IV, Euro V, and Euro VI, and that operate under very severe conditions or with significantly extended oil drain intervals as recommended by the manufacturer. This product is suitable for use in EGR engines, with or without particulate filters, as well as engines equipped with SCR NOx reduction systems. It is strongly recommended that E9 quality be used in engines with particulate filters, and it is designed for use in combination with low-sulfur diesel fuel. However, it should be noted that recommendations may differ among engine manufacturers. Consequently, vehicle manuals and/or dealers should be consulted if further guidance is required.

The use of this product ensures the following benefits:

- Reduced pollutant emissions
- Prevention of molecular oxidation of the lubricant
- Maximum thermal stability
- Extended oil change intervals
- Maximum detergency
- High dispersancy, anticorrosion, and antirust properties

For further details, please contact the technical department.



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**Responsabile di laboratorio**



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Data di prima emissione  
19/11/2021

Rev. N°4 del 01/07/2024

## TECHNICAL DATA SHEET

### LONG LIFE SINTEX 5W-30 LS

#### *Typical characteristics*

Properties	Unit	Method	Average values
Colour	-	Visual	Amber
Appearance	-	Visual	Limpid
Density	Kg/dm <sup>3</sup>	ASTMD7042	0,859
Viscosity 40°C	cSt	ASTMD445	61,8
Viscosity 100°C	cSt	ASTMD445	10,6
Viscosity Index	-	ASTMD2270	163
Flash Point	°C	ASTMD92	229
Freezing point	°C	ASTMD97	-36

#### 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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