



REDOIL



EELQMS

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

Rev. N°4 del 01/07/2024

TECHNICAL DATA SHEET

L L SINTEX 5W-30 HQ

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

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

MTU TYPE 3.1 TYPE 2.1

DEUTZ DQC IV-18 LA

VOLVO VDS-4.5 RENAULT RLD-3 RLD-4

SCANIA LA and LDF-4 JASO DH-2 DH-1 DL 0

CUMMINS CES20086 CES 20081 DETROIT DIESEL93K218 CATERPILLAR ECF-3

MACK EO-O PREMIUM PLUS MACK EOS 4.5



TECHNICAL DESCRIPTION

Formula developed using GP-V technologies, offering the highest level of protection, high oxidative stability and fully meeting the requirements for extended mileage. It is recommended for high-quality diesel engines that meet the Euro I, Euro II, Euro III, Euro IV, Euro V, and Euro VI emission standards and operate in very severe conditions or with significantly extended oil drain intervals, in accordance with the manufacturer's recommendations. This product is suitable for use in EGR engines, with or without particulate filters, as well as in engines equipped with SCR NOx reduction systems. It is highly recommended that the E11 grade be used in engines with particulate filters, which should be operated in conjunction with low-sulfur diesel fuel. However, it should be noted that recommendations may vary between engine manufacturers. Therefore, the owner's manuals and/or dealers should be consulted in case of doubt.

The use of this product ensures the following benefits:

- 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



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Typical characteristics

Properties	Unit	Method	Average values
Colour	-	Visual	Amber
Appearance	-	Visual	limpid
Density	Kg/dm ³	ASTMD7042	0,853
Viscosity 40°C	cSt	ASTMD445	58,5
Viscosity 100°C	cSt	ASTMD445	10,8
Viscosity Index	-	ASTMD2270	179
Flash Point	°C	ASTMD92	228
Freezing point	°C	ASTMD97	-39

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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