



# REDOIL

## TECHNICAL DATA SHEET

### LONG LIFE SINTEX 15W-40 CNG-TRUCK

Engine Lubricant Heavy-Duty traction CNG



EELQMS

EUROPEAN ENGINE  
LUBRICANTS QUALITY  
MANAGEMENT SYSTEM

Data di prima emissione  
19/11/2021

Rev. N°4 del 01/07/2024

#### SPECIFICS

API CF-4 MB 226.9 MAN 3271-1  
SFU : RENAULT RGD HYUNDAI CNG  
ISUZU CNG DAILY CNG  
VOLVO CNG  
CUMMINS 20085 20074  
CUMMINS 20092  
DETROIT DIESEL 93K216



#### TECHNICAL DESCRIPTION

The objective of achieving sustainability goals through low-emission fuels forms the basis of the design study for this special lubricant.

The technological evolution of CNG (compressed natural gas) engines has generated significant interest among manufacturers, who have introduced increasingly high-performance engines that can compete with diesel engines in terms of performance and heavy-duty applications. However, these engines offer the additional advantage of clean and low-emission exhaust gases.

This lubricant has been developed to meet the increased oxidative resistance required by CNG-powered systems, which are subject to high temperatures during combustion.

The special low-ash formulation ensures maximum detergency of the piston and valves, prevents spark plug fouling, and effectively addresses the critical issues related to the phenomenon of premature pre-ignition when inappropriate lubricants are used in systems with spark ignition under low-speed and high-load conditions.

The use of this product ensures the following benefits:

- Exceptional action against LSPI (Low-Speed Pre-Ignition);
- Anti-oxidation action to combat molecular degradation of the lubricant;
- Action against fouling, especially on spark plugs;
- 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  
*[Signature]*



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#### *Typical characteristics*

Properties	Unit	Method	Average values
Colour	-	Visual	Amber
Appearance	-	Visual	limpid
Density	Kg/dm <sup>3</sup>	ASTMD7042	0,87
Viscosity 40°C	cSt	ASTMD445	98,1
Viscosity 100°C	cSt	ASTMD445	14,6
Viscosity Index	-	ASTMD2270	154
Flash Point	°C	ASTMD92	233
Freezing point	°C	ASTMD97	-29

#### 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**