

## Technical Data Sheet

# MEGASYNT LSE-4 5W-30

## 100% Synthetic lubricant for truck vehicles Euro 6

Lubricant type "Low-Saps" formulated entirely with synthetic base oils that raising the performance of the additives, they offer optimal performance in terms of "Fuel Economy", protecting the motor in order to avoid compromising the natural life and efficiency. The compatibility with post-treatment of exhaust gas systems and the ability to reduce maintenance operations is ensured by the engineering innovations of the additives used.

### Applications & Benefits

#### - Wear Protection

Fully meets Mercedes-Benz, MAN, Volvo and DAF requirements for engine wear control. The resulting performance ensures an elongation of the engine's average life.

#### - Fuel Economy

The lubricant thus formulated can help reduce operating costs, delivering estimated savings of 1.3% in terms of fuel economy (compared to a SAE 15W-40).

#### - Climatic Versatility

It has excellent viscosimetric properties at hot and especially at low temperatures when normal lubricants tend to gel. MEGASYNT LSE-4 5W-30 keeps its features unchanged up to -39 ° C. It also meets the ACEA E4, MB 228.5, MTU Type3 and CAT ECF-2 specifications that contribute to the benefits shown in the diagram below.

#### - Multiple Applications

The use is particularly suitable for mixed fleets and vehicles that use low emission engines. It meets a wide range of European manufacturers specifications such as Volvo, Renault, Mack, Deutz, Mercedes-Benz and Caterpillar.

### Specifications & Approvals

#### - Exceeds the specifications listed below:

ACEA E4, E7

API CI-4

MB 228.5

MAN M 3377, 3277

MTU Type 3

Volvo VDS-3

Renault Truck RXD, RLD-2

Mack EO-N, EO-M Plus

Cummins CES 20078, 76

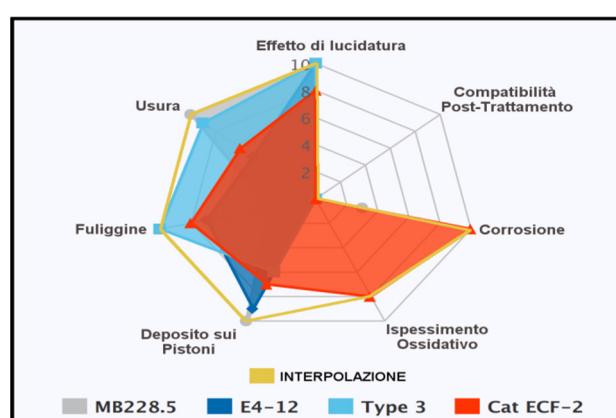
CAT ECF-2

Deutz DQC IV-10

JASO DH-1

Global DHD-1

Scania LDF



\* for further information please contact the Technical Service.



## Chemical-Physical Characteristics

Test	Method	MEGASYNT LSE-4 5W-30
<b>SAE Grade</b>	-	<b>5W-30</b>
Denisty @ 15°C, Kg/dm <sup>3</sup>	ASTM D 4052	0.845
Viscosity cSt @ 40°C	ASTM D 445	67.0
cSt @ 100°C		12.0
Viscosity Inex - Unità	ASTM D 2270	175
TBN	ASTM D 1298	10.5
Sulfated Ash - %	ASTM D 874	1.32
CCS a -25°C – mPa.s	ASTM D 5293	5885
Flash Point °C	ASTM D 92	232
Pour Point °C	ASTM D 97	- 42

NOTE: The above values are "typical" for normal production tolerance and do NOT constitute a specification.

## Storage, Health & Environment

### - Storage & Health

It is recommended to store the MEGASYNT LSE-4 5W-30 Lubricant under cover. If storage is carried out outdoors, it is recommended to position the drums, preferably under a roof, in a horizontal position and, if kept upright, cover them with a lid to prevent water infiltration. It is advisable not to store the packs at temperatures above 60 ° C or directly to the sun as it is good to keep them in places not subject to freezing.

MEGASYNT LSE-4 5W-30 has no health effects when properly used, applying the standard personal hygiene standards.

### - Environment

Do not discharge the new and/or exhausted lubricant into the sewage system, soil or watercourses. Exhausted lubricant must be delivered to an authorized collection point.

## Additional information

### - Safety Data Sheet

It is provided aside and must be considered for its information or can be easily downloaded from [www.rilub.it](http://www.rilub.it)  
Contact your technical service for more information:



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