

## Technical Data Sheet

# MEGASYNT LE-9

## *Synthetic lubricant technology for Heavy Duty "Low-SAPS"*

Lubricant type "Low-Saps" formulated with synthetic base oils and additives that improve compatibility with exhaust gas after-treatment systems used for the control of emissions and at the same time giving fuel savings. The synthetic bases and high detergent power protect the engine in order to avoid compromising the natural life and efficiency.

### Applications & Benefits

#### - Post-Treatment System Protection

Some elements, such as sulphate ash, phosphorus and sulfur (SAPS), can cause damage to the post-treatment systems of the exhaust gases. MEGASYNT LE-9 is specifically formulated to protect and meet the highest OEM performance specifications for vehicles equipped with post-treatment devices.

#### - Fuel Economy

The lubricant thus formulated can help reduce operating costs by delivering fuel savings.

#### - Wear Protection

Through a balanced additive system, the lubricant optimizes and prevents wear and contributes to the cleaning of exhaust after-treatment systems.

#### - Engine Cleaness

The balanced formulation of detergent and dispersing additives provides a high standard of cleaning of the pistons and the engine, which results in an elongation of its life cycle.

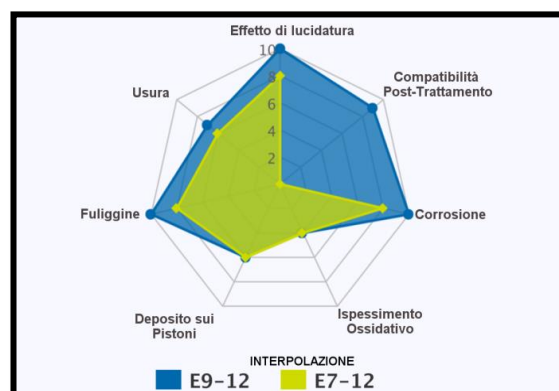
#### - Climatic Versatility

Designed for all the latest industrial vehicle engines that must meet the ACEA E9 specifications, incorporating the ACEA E7 specification.

### Specifications & Approvals

#### - Exceeds the specifications listed below:

ACEA E9, E7  
API CJ-4/SN, CI-4+  
MB 228.31  
Volvo VDS-4  
Renault Truck RLD-3  
MAN M 3575  
MTU Type 2.1  
Mack EO-O Premium Plus-07  
CAT ECF-3, ECF-2, ECF-1-a  
Deutz DQC III-10 LA  
Cummins CES 20081  
Detroit Diesel DDC 93K218  
JASO DH-2



\*For further information please contact the Technical Service.

## Chemical-Physical Characteristics

Test	Method	Megasynt LE-9	
		10W-30	10W-40
SAE Grade	-	10W-30	10W-40
Density @ 15°C, kg/dm <sup>3</sup>	ASTM D 4052	0.865	0.865
Viscosity cSt @ 40°C	ASTM D 445	80.0	100.0
cSt @ 100°C		11.0	14.0
Viscosity Index - Unit	ASTM D 2270	150	150
TBN	ASTM D 2896	10.0	10.0
Sulfated Ash - % wt	ASTM D 874	≤ 1.0	≤ 1.0
CCS at -25°C - mPa.s	ASTM D 5293	6600	6600
Flash point, °C	ASTM D 92	220	220
Pour point, °C	ASTM D 97	< -36	< -36

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

## Storage, Health & Environment

### - Storage & Health

It is recommended to store the MEGASYNT LE-9 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 LE-9 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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