



Technical Data Sheet

MEGASYNT LS-4 10W-40

100% Synthetic lubricant for Heavy Duty Engine

Lubricant formulated with synthetic bases and multifunctional additives which enhance the technical characteristics for a better and continuous protection that adapts to the different engine needs and driving conditions. The engine will prove to be more responsive and the oil change intervals will be extended, which results in lower maintenance costs. The engineering structuring of the product allows a constant control of the wear phenomena and formation of deposits improving combustion, in order to obtain a significant saving of fuel (Fuel-Economy).

Applications & Benefits

- Engine Cleaness

The balanced formulation of detergent and dispersing additives provides a high standard of cleanliness of the pistons and the engine, which results in an elongation of efficiency and medium life.

- Wear Protection

Through a balanced additive system, the lubricant optimizes and prevents the wear and bore polish phenomena that normally affect the pistons.

- Fuel Economy

The lubricant thus formulated can help reduce operating costs by delivering fuel savings when compared to higher viscosity products.

- Low Emissions

Reducing fuel consumption translates into a reduction in harmful emissions in the atmosphere, responsible for the greenhouse effect.

- Versatility

Designed for mixed fleet applications, it can be used in wide spectrum in both low emission low and low emission engines (not usable in heavy commercial vehicles equipped with exhaust gas after-treatment systems).

Specifications & Approvals

- Exceeds the specifications listed below:

ACEA E4, E7
API CI-4
DTFR 15B120
MAN M 3277, 3377
MTU Type 3
Volvo VDS-3
Renault RLD-2
Mack EO-N, EO-M+
Cummins CES 20078
Caterpillar ECF-2
Deutz DQC IV-18
JASO DH-1
Global DHD-1
Scania LDF

*for further information please contact the Technical Service.

Chemical-Physical Characteristics

Test	Method	Megasynt LS-4 10W-40
SAE Grade	-	10W-40
Density @ 15°C, kg/dm ³	ASTM D 4052	0.865
Viscosity cSt @ 40°C cSt @ 100°C	ASTM D 445	100.0 14.0
Viscosity Index - Unit	ASTM D 2270	155
TBN	ASTM D 2896	13
Sulfated Ash - % wt	ASTM D 874	1.8
CCS at -25°C - mPa.s	ASTM D 5293	6600
Flash point, °C	ASTM D 92	240
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 LS-4 10W-40 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 LS-4 10W-40 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
Contact your technical service for more information:



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