SPINTA 10W-40 LS-4

Product Code: SP-HD-1040-LS4

100% Synthetic Heavy-Duty Diesel Engine Lubricant

PRODUCT DESCRIPTION

SPINTA 10W-40 LS-4 is a 100% synthetic heavy-duty engine lubricant formulated for diesel engines requiring ACEA E4/E7 and API CI-4 performance. Its multifunctional additive system helps maintain piston and engine cleanliness, control wear and support fuel economy and extended service performance in mixed fleets.

APPLICATIONS & BENEFITS

Engine Cleanliness Detergent and dispersant additives help maintain high piston and engine cleanliness and control deposits.

Wear Protection Balanced anti-wear technology helps reduce wear and bore-polish phenomena under demanding operation.

Fuel Economy Synthetic technology can support fuel savings compared with higher-viscosity lubricants.

KEY PERFORMANCE BENEFITS

Thermal Stability High-quality synthetic base oils help maintain lubricant performance under elevated operating temperatures.

Fleet Versatility Designed for mixed fleets and heavy-duty applications covered by the listed performance levels. Not intended where a specific Low-SAPS oil is required for particulate-filter after-treatment systems.

SPECIFICATIONS & PERFORMANCE LEVELS

Meets or exceeds the following specifications and performance levels; approval and suitable-for-use claims as indicated:

- ACEA E4, E7
- API CI-4
- DTFR 15B120
- MAN M 3277, M 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

Recommendation: Always refer to the vehicle or equipment manufacturer's operating and maintenance manual to confirm the required SAE viscosity grade, performance level, after-treatment compatibility and service interval before use.

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Property	Test Method	10W-40 LS-4
SAE Grade	-	10W-40
Density @ 15°C, kg/dm³	ASTM D 4052	0.865
Kinematic Viscosity @ 40°C, cSt	ASTM D 445	100.0
Kinematic Viscosity @ 100°C, cSt	ASTM D 445	14.0
Viscosity Index	ASTM D 2270	155
TBN	ASTM D 2896	13
Sulfated Ash, % wt	ASTM D 874	1.8
CCS @ -25°C, mPa·s	ASTM D 5293	6600
Flash Point, °C	ASTM D 92	240
Pour Point, °C	ASTM D 97	-42

Note: The values shown above are typical for normal production and may vary within normal manufacturing tolerances. They do not constitute a product specification or contractual limit.

STORAGE, HEALTH & ENVIRONMENT

STORAGE

Store under cover whenever possible. If outdoor storage cannot be avoided, containers should be protected from rain and water infiltration. Avoid temperatures above 60°C, direct sunlight and freezing conditions.

HEALTH & SAFETY

When properly used and handled in accordance with standard personal hygiene practices, the product is not expected to present adverse health effects under normal conditions of use. Refer to the corresponding SPINTA Safety Data Sheet (SDS) for detailed precautions and first-aid information.

ENVIRONMENT

Do not discharge new or used product into drains, sewage systems, soil or watercourses. Used product must be collected and delivered to an authorized collection or disposal facility in accordance with applicable regulations.

ADDITIONAL INFORMATION

Safety Data Sheet (SDS): The corresponding SPINTA Safety Data Sheet is available separately and should be consulted before handling or using the product.

Technical Service: SPINTA ITALIA S.r.l. | Viale C. Battisti 15, 27100 Pavia (PV) - Italy | info@spinta-lub.it | www.spinta-lub.it