SPINTA 5W-30 LSE-4

Product Code: SP-HD-0530-LSE4

100% Synthetic Low-SAPS Heavy-Duty Diesel Engine Lubricant

PRODUCT DESCRIPTION

SPINTA 5W-30 LSE-4 is a 100% synthetic heavy-duty engine lubricant developed for commercial diesel vehicles requiring ACEA E4/E7 and API CI-4 performance. Its formulation provides wear protection, fuel-economy support, low-temperature fluidity and compatibility with the applications covered by the listed OEM performance levels.

APPLICATIONS & BENEFITS

Wear Protection Synthetic base oils and a balanced additive system help control engine wear and support long component life.

Fuel Economy SAE 5W-30 viscosity helps reduce frictional losses and supports fuel savings compared with SAE 15W-40 lubricants.

Low Emissions Reduced fuel consumption can contribute to lower vehicle CO2 emissions during operation.

KEY PERFORMANCE BENEFITS

Climatic Versatility Strong low-temperature fluidity supports lubrication in cold climates while maintaining high-temperature protection.

Mixed-Fleet Capability Suitable for a broad range of European heavy-duty applications where the listed performance levels are required.

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
- MAN M 3377, M 3277
- 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
- Approval: DTFR 15B120

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	5W-30 LSE-4
SAE Grade	-	5W-30
Density @ 15°C, kg/dm³	ASTM D 4052	0.855
Kinematic Viscosity @ 40°C, cSt	ASTM D 445	75.0
Kinematic Viscosity @ 100°C, cSt	ASTM D 445	11.0
Viscosity Index	ASTM D 2270	150
TBN	ASTM D 2896	13
Sulfated Ash, % wt	ASTM D 874	1.32
CCS @ -30°C, mPa·s	ASTM D 5293	5885
Flash Point, °C	ASTM D 92	232
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.

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