SPINTA 5W-30 LSE-6

Product Code: SP-HD-0530-LSE6

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

PRODUCT DESCRIPTION

SPINTA 5W-30 LSE-6 is a 100% synthetic Low-SAPS lubricant developed for Euro 6 heavy-duty diesel vehicles equipped with exhaust after-treatment systems. Its formulation supports fuel economy, engine protection and reduced maintenance requirements, with performance particularly suited to modern Volvo and Scania truck applications where the listed specifications are required.

APPLICATIONS & BENEFITS

Fuel Economy SAE 5W-30 synthetic technology can help reduce operating costs through improved fuel efficiency compared with higher-viscosity oils.

Post-Treatment Protection Low-SAPS formulation helps protect exhaust after-treatment systems and supports their service life.

Wear Protection Balanced additives help control wear and contribute to maintaining engine and after-treatment cleanliness.

KEY PERFORMANCE BENEFITS

Low-Temperature Performance Excellent low-temperature viscosity characteristics support reliable lubrication in cold operating conditions.

Euro 6 Applications Designed for latest-generation heavy-duty engines requiring high-performance low-emission lubricant technology.

SPECIFICATIONS & PERFORMANCE LEVELS

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

- API CK-4
- ACEA E6, E7, E8, E9, E11
- Volvo VDS-4.5
- Renault RLD-3
- Mack EOS-4.5
- MTU Type 3.1
- MAN M 3677
- Cummins CES 20086
- Deutz DQC IV-18LA
- Detroit Diesel DDC93K222
- Scania LDF-4
- Caterpillar ECF-3
- JASO DH-2
- Approval: DTFR 15C110

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-6
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	10.5
Sulfated Ash, % wt	ASTM D 874	0.98
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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