SPINTA 5W-30 CK-4

Product Code: SP-HD-0530-CK4

Latest-Generation 100% Synthetic Heavy-Duty Diesel Engine Lubricant

PRODUCT DESCRIPTION

SPINTA 5W-30 CK-4 is a latest-generation full synthetic heavy-duty diesel engine lubricant developed for modern commercial vehicles operating under severe conditions. Its Low-SAPS formulation supports exhaust after-treatment systems, including FAP/DPF, while providing wear protection, fuel-economy support and extended oil-drain capability in accordance with manufacturer requirements.

APPLICATIONS & BENEFITS

Fuel Economy Low-viscosity synthetic technology helps reduce operating losses and supports improved fuel efficiency.

After-Treatment Protection Low-SAPS technology is designed for engines equipped with modern exhaust gas after-treatment systems.

Wear Protection Balanced additive technology helps control wear and maintain engine protection under severe service.

KEY PERFORMANCE BENEFITS

Latest-Generation Performance Advanced base oils and additives support modern heavy-duty engines requiring current API and ACEA performance levels.

Fleet Reliability Helps control soot, sludge and deposits while supporting long service intervals where permitted by the manufacturer.

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 CK-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	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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