SPINTA 10W-40 LS-6

Product Code: SP-HD-1040-LS6

Synthetic Low-SAPS Heavy-Duty Diesel and CNG Engine Lubricant

PRODUCT DESCRIPTION

SPINTA 10W-40 LS-6 is a synthetic Low-SAPS heavy-duty lubricant formulated for modern diesel and natural-gas (CNG) commercial vehicle engines. It supports exhaust after-treatment system protection, wear control, engine cleanliness and fuel economy, while providing the versatility required by mixed fleets and vehicles operating under demanding service conditions.

APPLICATIONS & BENEFITS

After-Treatment Protection Low-SAPS technology helps protect exhaust after-treatment devices and supports emission-system efficiency.

Fuel Economy Synthetic technology helps reduce operating losses and supports improved fuel efficiency.

Wear Protection Balanced additives help reduce wear while maintaining engine and after-treatment cleanliness.

KEY PERFORMANCE BENEFITS

Engine Cleanliness Detergent and dispersant technology helps control sludge, soot and deposits in severe heavy-duty service.

CNG Compatibility Developed for diesel and natural-gas commercial vehicles, including CNG bus and truck applications where specified.

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
- DTFR 15C100
- MAN M 3775, M 3477, M 3271-1
- MTU Type 3.1
- Volvo VDS-4.5, CNG
- Renault RLD-3
- Mack EOS-4.5
- Cummins CES 20086
- Caterpillar ECF-3
- Deutz DQC IV-18LA
- Detroit Diesel DDC93K222
- 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	10W-40 LS-6
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	10.5
Sulfated Ash, % wt	ASTM D 874	≤ 1.0
CCS @ -25°C, mPa·s	ASTM D 5293	6650
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

Spinta Italia S.r.l.
Viale C. Battisti 15, 27100 Pavia (PV) – Italy
info@spinta-lub.it - www.spinta-lub.it