SPINTA 10W-40 DHD

Product Code: SP-HD-1040-DHD

Full Synthetic Heavy-Duty Diesel Engine Lubricant

PRODUCT DESCRIPTION

SPINTA 10W-40 DHD is a full synthetic heavy-duty diesel engine lubricant formulated with advanced additives for demanding temperature and pressure conditions. It supports fuel economy, viscosity control, wear protection and sludge control, making it suitable for mixed fleets and high-output diesel engines operating under severe service conditions.

APPLICATIONS & BENEFITS

Optimal Protection High-performance additives help control wear, deposits and particulate-related contamination in demanding diesel service.

Fuel Economy Improved start-up lubrication and reduced friction support efficient engine operation.

Engine Cleanliness Detergent and dispersant technology helps maintain piston cleanliness and control sludge formation.

KEY PERFORMANCE BENEFITS

Mixed-Fleet Versatility Provides broad performance coverage for heavy-duty diesel engines where the listed specifications are required.

Service Durability Synthetic technology supports stable viscosity and lubricant performance under high thermal and mechanical stress.

SPECIFICATIONS & PERFORMANCE LEVELS

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

- ACEA E7, E5
- ACEA A3/B4
- API CI-4/SL
- DTFR 15B110
- MB 229.1
- Volvo VDS-3
- Deutz DQC III-05, DQC III-10
- MAN M 3275
- MTU Type 2
- Global DHD-1
- Mack EO-M+, EO-N
- Renault RLD-2
- Cummins CES 20078
- Caterpillar ECF-2, ECF-1-a
- ZF TE-ML 07C

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 DHD
SAE Grade	-	10W-40
Density @ 15°C, kg/dm³	ASTM D 4052	0.870
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	150
TBN	ASTM D 2896	10.0
Sulfated Ash, % wt	ASTM D 874	1.2
CCS @ -25°C, mPa·s	ASTM D 5293	6600
Flash Point, °C	ASTM D 92	220
Pour Point, °C	ASTM D 97	-39

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