SPINTA 15W-40 E7
Product Code: SP-HD-1540-E7

SPINTA 20W-50 E7
Product Code: SP-HD-2050-E7

Extra-Protective Heavy-Duty Diesel Engine Lubricants

PRODUCT DESCRIPTION

SPINTA 15W-40 E7 and SPINTA 20W-50 E7 are extra-protective heavy-duty diesel engine lubricants formulated for on-road and off-road engines requiring ACEA E7 and API CI-4 performance. Their additive technology provides protection against wear, deposits and acidic combustion by-products while supporting engine cleanliness and reliable operation under demanding service conditions. The 20W-50 grade provides higher operating-temperature viscosity where required.

APPLICATIONS & BENEFITS

Triple Protection Anti-wear, detergent/dispersant and acid-neutralizing additives work together to protect critical engine components.

Deposit & Corrosion Control Dispersant technology limits sludge and deposits, while additives help neutralize combustion acids and protect critical metal surfaces.

KEY PERFORMANCE BENEFITS

Engine Cleanliness Detergent and dispersant technology supports piston cleanliness and stable engine efficiency.

Broad Heavy-Duty Use Suitable for many Euro 2-5 heavy-duty applications where the listed performance levels are required. For particulate-filter systems, use the specific Low-SAPS grade required by the manufacturer.

SPECIFICATIONS & PERFORMANCE LEVELS

Meets or exceeds the following specifications and performance levels:

- ACEA E7
- API CI-4, CH-4, SL, SJ
- DTFR 15B110
- Volvo VDS-3
- Renault RLD-2
- MAN M 3275
- MTU Type 2
- Mack EO-N
- Caterpillar ECF-2, ECF-1-a
- Deutz DQC-III
- Cummins CES 20078, 20077
- JASO DH-1
- Global DHD-1
- DDC 93K215
- Allison TES-439
- Marina Militare MM-O-2016A
- NATO Code O-1236, O-236
- MIL-L-2104 E

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	15W-40 E7	20W-50 E7
SAE Grade	-	15W-40	20W-50
Density @ 15°C, kg/dm³	ASTM D 4052	0.875	0.880
Kinematic Viscosity @ 40°C, cSt	ASTM D 445	105.0	150.0
Kinematic Viscosity @ 100°C, cSt	ASTM D 445	14.0	19.0
Viscosity Index	ASTM D 2270	135	140
TBN	ASTM D 2896	10.5	10.5
Sulfated Ash, % wt	ASTM D 874	1.45	1.45
Flash Point, °C	ASTM D 92	230	230
Pour Point, °C	ASTM D 97	< -36	< -27

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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