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

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

Multigrade Heavy-Duty Diesel Engine Lubricants

PRODUCT DESCRIPTION

SPINTA 15W-40 and SPINTA 20W-50 are multigrade heavy-duty diesel engine lubricants developed for turbocharged and naturally aspirated engines operating on-road and off-road. Their balanced detergent, dispersant and anti-wear additive technology helps control deposits, protect against wear and high-temperature stress, and maintain engine cleanliness and stable performance under demanding operating conditions.

APPLICATIONS & BENEFITS

Engine Cleanliness Detergent and dispersant additives help keep pistons and internal engine components clean while controlling harmful deposits.

Wear Protection A protective lubricant film helps reduce wear, supporting component durability and stable engine efficiency over time.

KEY PERFORMANCE BENEFITS

High-Temperature Protection The additive system helps maintain reliable lubrication under severe operating conditions, including high pressures and temperatures.

Application Versatility Suitable for heavy-duty diesel engines, mining and construction equipment, agricultural machinery and on-road or off-road service where the listed performance levels are required.

SPECIFICATIONS & PERFORMANCE LEVELS

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

- ACEA E3
- API CH-4, CG-4, CF-4, CF
- API SJ
- DTFR 15B110
- Volvo VDS-2
- MAN M 3275-1
- Mack EO-M, EO-M+
- Renault RLD-2
- MTU Type 2
- DDC 93K215
- Cummins CES 20077
- Caterpillar ECF-1-a
- MIL-L-2104 E
- Suitable for use: Allison C4
- Suitable for use: Iveco T2 E3

Recommendation: Always refer to the vehicle or equipment manufacturer's operating and maintenance manual to confirm the required SAE viscosity grade and performance level before use.

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Property	Test Method	15W-40	20W-50
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
CCS at required low temperature, mPa·s	ASTM D 5293	6600	9000
TBN	ASTM D 2896	5.0	5.0
Sulfated Ash, % wt	ASTM D 874	1.20	1.20
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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