SPINTA SAE 50

Product Code: SP-HD-SAE50

Monograde Heavy-Duty Diesel Engine Lubricant

PRODUCT DESCRIPTION

SPINTA SAE 50 is a monograde heavy-duty diesel engine lubricant formulated to provide reliable protection under demanding operating conditions. Its detergent additive system helps keep pistons and internal engine components clean, reduce wear and control deposit formation, supporting consistent engine performance and extended component service life.

APPLICATIONS & BENEFITS

Application Versatility Suitable for heavy-duty diesel engines and compatible applications requiring SAE 50 and the listed performance levels. Always verify the equipment manufacturer requirements.

Wear Protection Continuous engine cleanliness and a stable lubricating film help reduce wear, protect components and support lower maintenance requirements.

KEY PERFORMANCE BENEFITS

Thermal Stability Helps limit oxidation effects and maintain lubricant performance and piston cleanliness under high-temperature operation.

Specific Transmission Use May also be suitable for certain transmissions or continuously operating pumps where an engine-type SAE 50 lubricant is specifically required by the manufacturer.

SPECIFICATIONS & PERFORMANCE LEVELS

Meets or exceeds the following specifications and performance levels:

- ACEA E2
- API CF
- MB 228.0
- MAN 270
- MTU Category 1
- 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 and performance level before use.

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Property	Test Method	SAE 50
SAE Grade	-	50
Density @ 15°C, kg/dm³	ASTM D 4052	0.895
Kinematic Viscosity @ 40°C, cSt	ASTM D 445	190.0
Kinematic Viscosity @ 100°C, cSt	ASTM D 445	19.0
Viscosity Index	ASTM D 2270	100
Flash Point, °C	ASTM D 92	250
Pour Point, °C	ASTM D 97	≤ -21

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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