SPINTA DIESEL SAE 40

Product Code: SP-MR-SAE40

Monograde Marine Diesel Engine Lubricant

PRODUCT DESCRIPTION

SPINTA DIESEL SAE 40 is a monograde lubricant formulated for large and high-power marine diesel engines, including applications operating with high-sulfur diesel fuel where high basicity and strong detergent performance are required. Its formulation supports engine cleanliness, protection against wear and deposits and reliable performance in severe marine service.

APPLICATIONS & BENEFITS

Combustion & Cleanliness High detergent performance helps control deposits and supports cleaner engine operation.

Long-Life Protection Engine and cylinder cleanliness help reduce ring sticking and support component service life.

Oxidation & Corrosion Control The formulation helps control oxidation and protects engine components against corrosive effects.

KEY PERFORMANCE BENEFITS

Marine Diesel Application Suitable for main and auxiliary trunk-piston medium-speed marine diesel engines where SAE 40 is specified.

High-Basicity Performance TBN 12 provides acid-neutralization reserve for demanding marine diesel service.

Severe-Service Capability Designed for high-power marine engines and applications requiring robust detergency and deposit control.

SPECIFICATIONS & PERFORMANCE LEVELS

Meets or exceeds the following specifications and performance levels; approvals are identified where applicable:

- SAE 40
- API CD

Recommendation: Always refer to the marine engine manufacturer's operating and maintenance manual to confirm the required SAE viscosity grade, API performance level and suitability for the fuel sulfur content before use.

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Property	Test Method	DIESEL SAE 40
SAE Grade	-	40
Density @ 15°C, kg/dm³	ASTM D 4052	0.885
Kinematic Viscosity @ 40°C, cSt	ASTM D 445	125.0
Kinematic Viscosity @ 100°C, cSt	ASTM D 445	14.0
Viscosity Index	ASTM D 2270	110
TBN	ASTM D 2896	12
Sulfated Ash, % wt	ASTM D 874	1.35
Flash Point, °C	ASTM D 92	250
Pour Point, °C	ASTM D 97	-24

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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