

NATIONAL Perfomax HD4 API CF

NATIONAL Perfomax HD4 Series API CF is designed for legacy diesel engines requiring API CF or lower performance levels. It offers superior performance in demanding conditions, providing excellent protection against wear, corrosion, and high-temperature stress, ensuring longer engine life and optimal performance.

Benefits

- Protects against engine wear and corrosion.
- TBN reserve reduces harmful deposits and keeps the engine clean for longer oil drain intervals.
- Maintains reliable performance under high-load conditions.

Meets/Exceeds

- API CF

Applications

- Recommended for use in older-generation and legacy diesel engines, including trucks, buses, and industrial machinery that require API CF or lower performance oils.
- Suitable for use in high-sulfur diesel fuel applications.

Product Characteristics

Properties	Test Method	Unit	SAE 40	SAE 50
Density @ 15 °C	ASTM D4052	kg/L	0.9009	0.9073
Kinematic Viscosity at 100 °C	ASTM D445	cSt	15.1	20.3
Viscosity Index	ASTM D2270	-	100	95
Flash Point, COC	ASTM D92	°C	258	272
Pour Point	ASTM D97	°C	-15	-12
Total Base Number	ASTM D2896	mg KOH/g	11.2	11.3
<i>Product Code</i>			230042	240042

- Information, test methods, figures are typical and conform to specification; minor variation may occur.
- Refer Owner's Manual for the manufacturer's recommended performance level, viscosity grade and builder approval requirements.
- Please refer to the product Safety Data Sheet (SDS) for health, safety, and handling information.

