

## NATIONAL Perfomax Excel CF

NATIONAL Perfomax Excel CF series is designed for legacy naturally aspirated and turbo charged diesel engines requiring API CF performance level. It offers superior performance in demanding conditions, providing excellent protection against wear, corrosion, and high temperatures stress, ensuring longer engine life and optimal performance.

### Benefits

- Deliver superior wear protection for legacy naturally aspirated and turbocharged diesel engines.
- Provide outstanding thermal and oxidation stability.
- Ensure effective control of piston deposits and sludge formation.

### 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-Sulphur diesel fuel applications.

### Product Characteristics

Properties	Test Method	Unit	SAE 40	SAE 50
Density at 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>			<b>230022</b>	<b>240022</b>

- 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.

