

NATIONAL Perfomax HDX8 CI-4 15W-40

NATIONAL Perfomax HDX8 CI-4 15W-40 is a high-performance diesel engine oil formulated to meet modern American and European performance standards. It is well-suited for mixed fleet applications, providing reliable protection for engines requiring API CI-4, API SL, or earlier specifications.

Benefits

- Proven, field-validated engine oil offering extended drain interval performance.
- Superior TBN retention enhances engine durability and operational reliability.
- Advanced oxidation control minimizes deposit formation for cleaner engine operation.

Meets/Exceeds

- API CH-4, API CF-4
- API SL
- DTFR 15B110 (MB 228.3)
- Cummins CES20077 / CES20076
- Deutz DQC II-18
- CAT ECF-1a
- MAN 3275-1
- MACK EO-M Plus
- MTU Type 2

Approvals

- API CI-4

Applications

- Suitable for modern heavy-duty diesel vehicles for both on- and off-highway applications.
- Recommended for all global OEMs such as Daimler, Cummins, Caterpillar, and MAN.
- Suitable for both old and new diesel engines using high- or low-Sulfur diesel fuel.

Product Characteristics

Properties	Test Method	Unit	SAE 15W-40
Density at 15 °C	ASTM D4052	kg/L	0.875
Kinematic Viscosity at 100 °C	ASTM D445	cSt	15.1
Viscosity Index	ASTM D2270	-	137
Flash Point, COC	ASTM D92	°C	240
Pour Point	ASTM D97	°C	-33
Total Base Number	ASTM D2896	mg KOH/g	10.3

Product Code

298042

- 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.

