

NATIONAL Perfomax HDX7

NATIONAL Perfomax HDX7 CH-4 series is versatile diesel engine oil that meets modern Asian, American and European engine performance requirements. It is an ideal mixed fleet oil for engines requiring API CH-4 and older API categories.

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 severe duty conditions.
- Designed for mixed fleet requiring a unified diesel and gasoline engine oil for operational ease.

Meets/Exceeds

- API CH-4/SJ
- API CF-4
- MB 228.1
- Cat ECF-1a
- MAN 3275

Applications

- Modern heavy-duty diesel vehicles for both on- and off-highway applications.
- Suitable for diesel and gasoline engines requiring API CH-4 or API SJ performance respectively.
- Suitable for both new and older engines fuelled by high- or low-sulphur diesel, or gasoline.

Product Characteristics

Properties	Test Method	Unit	SAE 15W-40	SAE 20W-50	SAE 20W-60
Density @ 15 °C	ASTM D4052	kg/L	0.8780	0.8796	0.8799
Kinematic Viscosity at 100 °C	ASTM D445	cSt	15.0	19.1	23.9
Viscosity Index	ASTM D2270	-	135	133	133
Flash Point, COC	ASTM D92	°C	240	244	224
Pour Point	ASTM D97	°C	-27	-33	-30
Total Base Number	ASTM D2896	mg KOH/g	10.2	10.6	8.4
<i>Product Code</i>			<i>296042</i>	<i>237042</i>	<i>343042</i>

- 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.

