

## NATIONAL PERFORMAX HDX8

*National Performax HDX8 is premium quality automotive engine oil meeting future, current and obsolete engine oil performance level, particularly European and American standards. It is an ideal mixed fleet engine oil meeting API CI-4/SL and ACEA E5/B3. The Superior additive chemistry used in manufacturing National Performax HDX8 is performance proven to provide the highest diesel engine performance level.*

### BENEFITS

- Mixed fleet engine oil for American, European and Japanese Vehicle
- Universal engine oil for old and new diesel engine fueled by both high and low Sulphur diesel.
- Proven field-tested engine oil with extended drain period capability.
- Excellent TBN retention for moderate Sulphur diesel fuel Operation.

### PRODUCT CHARACTERISTICS

PROPERTIES	UNITS	VALUE	TEST METHOD
<b>SAE Grade</b>	-	<b>15W40</b>	
Sp. Gravity, 15 °C	-	0.8757	ASTM D-4052
Viscosity	-		
cSt @ 40 °C	mm <sup>2</sup> /s	115.1	ASTM D-445
cSt @ 100 °C	mm <sup>2</sup> /s	15.3	ASTM D-445
Viscosity Index	-	139	ASTM D-2270
Flash Pt. (COC)	°C	236	ASTM D-92
Pour Point	°C	30	ASTM D-5950
Total Base No.	m%	10.5	ASTM D-2896
Sulphated Ash	mg KOH/g	1.2	ASTM D-874
Apparent Viscosity@-20°C	cP	6520	ASTM D-5293
Color	-	L 35	ASTM D1500
<b>Product Code</b>	-	<b>56042</b>	-

### PERFORMANCE LEVEL

#### MEETS:

<b>API</b> .....	CI-4/CH-4
<b>ACE</b> .....	E7-04
<b>MB</b> .....	228.3
<b>MAN</b> .....	M3275
<b>VOLVO</b> .....	VDS-3
<b>MACK</b> .....	EO – M+
<b>JASO</b> .....	DH-4(level)
<b>RENAULT VI</b> .....	RLD-2
<b>MTU/DDC</b> .....	CES20078/77/76
<b>ALLISON</b> .....	C-4
<b>CAT</b> .....	ECF-2
<b>D&amp;C</b> .....	II 10
<b>DDC</b> .....	93K2015

### HANDLING, HEALTH AND SAFETY

Lubricant consisting of highly refined mineral oils with specific additives. In normal conditions of use this lubricant presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with the skin.

Prevent any splashing and keep away from combustible materials. Store under cover and away from any risk of pollution. Disposes off the used oil correctly, don't pour down drains, into watercourses or the soil.

Information and figures given here are typical of current production and conform to specification, minor variations may occur.



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