

## MAGNA HD-X 10W-40

### PRODUCT DESCRIPTION

Magna HD-X 10W-40 is an Ultra High-Performance Diesel (UHPD) low ash lubricant tailored to meet the latest updated ACEA E8 and E11 specifications. The product is formulated with high quality synthetic base fluids paired with an advanced technology core additive package. The product delivers top tier engine protection and improves engine performances through oxidation stability, shear stability and deposit control. Magna HD-X 10W-40 provides high temperature protection in all operating conditions, dramatically reducing carbon deposit formation and effectively neutralises acid formation in the crankcase. High thermal stability and stay-in grade viscosity results in oil consumption reduction as well as meeting maximum Oil Drain Intervals (ODI). The product meets Euro V and Euro VI emission requirements and is suitable for use with Selective Catalytic Reduction Systems and particulate filters as well as being designed for use in combination with low sulphur diesel fuel (maximum 50 ppm).

### APPLICATIONS & BENEFITS

- Outstanding piston cleanliness and thermal stability.
- Satisfies wide variety of OEM demands.
- Stay-in-grade advanced formulation provides superb performance even with extended drain intervals.
- Suits strict Euro V and VI emission requirements.

### PACK SIZES AVAILABLE

1L - 5L - 20L - 200L - 1000L IBC

### SPECIFICATIONS

- |                                    |                             |                                |
|------------------------------------|-----------------------------|--------------------------------|
| • ACEA E4-22, E7-22, E8-22, E11-22 | • DETROIT DFS 93K222        | • MTU 2.1, 3.1                 |
| • API CK-4                         | • DEUTZ DQC IV-18 LA        | • RENAULT RLD-4                |
| • CAT ECF-3                        | • JASO DH-2                 | • SCANIA Low Ash (LDF-4 Level) |
| • CUMMINS CES 20081, 20086         | • MACK EOS-4.5              | • VOLVO VDS 4.5                |
|                                    | • MAN 3477, 3271-1, 3775    |                                |
|                                    | • MB 228.31, 228.51, 228.52 |                                |

### TYPICAL CHARACTERISTICS

MAGNA HD-X 10W-40	UNITS	VALUES
VISCOSITY	cSt @ 40°C	95.8
	cSt @ 100°C	14.5
SPECIFIC GRAVITY	@ 15°C	0.8670
VISCOSITY INDEX		157
POUR POINT	°C	-36
FLASH POINT	°C	228
TBN, mg KOH/g		9.5
BROOKFIELD VISCOSITY	cP @ -20°C	5511

### ADDITIONAL INFORMATION

Designed for New Zealand Conditions | Manufactured from virgin base stocks. For more technical information please contact Vertex Lubricants NZ Technical Dept. +64 9 640 0004. Sheet updated 3 September 2024.

The information contained in this Product Data Sheet is accurate at the time of printing and is subject to change without prior notice.

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