



A brand of **TOTAL**

PERFORMANCE EXPERTY HDX 10W-40



High-performance synthetic lubricant for diesel engines, suitable for use in on-road heavy-duty applications.

APPLICATIONS

- ELF PERFORMANCE EXPERTY HDX 10W-40 is a high-performance synthetic lubricant suitable for use in **on-road diesel heavy-duty**.
- This lubricant enables coverage of a fleet of mixed brands, composed of American, such as **Cummins**, and European manufacturers, with a minimal number of products.
- ELF PERFORMANCE EXPERTY HDX 10W-40 is adapted to **Euro 5** and previous engines, with approvals of **Mercedes-Benz, MAN, Volvo** and **Renault Trucks**.

APPROVALS

Specifications	API CI-4/CH-4	ACEA E4
Manufacturers' approval	Cummins CES 20078 Mack EO-N MAN M 3277 MB-Approval 228.5 Renault Trucks RLD-2 Volvo VDS-3	

PERFORMANCES AND CUSTOMER BENEFITS

- High quality synthetic base stocks combined with high-performance additives make ELF PERFORMANCE EXPERTY HDX 10W-40 an **excellent performance lubricant**.
- **Excellent detergent, antioxidant and anti-corrosion properties** help to reach **extended oil drain intervals** defined by the manufacturer and reduce maintenance costs.
- ELF PERFORMANCE EXPERTY HDX 10W-40 exhibits a **very high T.B.N level** (14 mgKOH/g) to neutralize acid compounds and prevent their corrosive attack.
- **The association of detergent, dispersant and anti-wear additives** keeps the **engine's most sensitive parts clean** and enables effective control of soot, sludge and piston deposits.
- **Excellent piston cleanliness performance** confers efficient protection against cylinder liner polishing.

PHYSICAL AND CHEMICAL CHARACTERISTICS

ELF PERFORMANCE EXPERTY HDX 10W-40		Method	Value
Density at 15°C	kg/m ³	ASTM D1298	874
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	98.5
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	14.6
Viscosity Index	-	ASTM D2270	154
Flash point	°C	ASTM D92	232
Pour Point	°C	ASTM D97	-30
T.B.N	mgKOH/g	ASTM D2896	14
Sulphated Ash	% m/m	ASTM D874	1.67

The features mentioned above are average values obtained with some variability in production and do not constitute a specification.

TOTAL LUBRIFIANTS

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ELF PERFORMANCE EXPERTY HDX 10W-40

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*This lubricant does not cause adverse health effects when used in the intended application.
A safety datasheet, is accessible on request from your local dealer.*

