



A brand of **TOTAL**

PERFO HDX 500 10W-30 / 15W-40 / 20W-50



Mineral lubricant for diesel engines.

APPLICATIONS

- ELF PERFO HDX 500 10W-30 / 15W-40 / 20W-50 is recommended for all **turbocharged or naturally-aspirated diesel engines of commercial vehicles** (trucks, buses, vans, pick-ups, taxis...), **public works** and **agricultural equipments** requiring **API CH-4** performance.
- This lubricant is particularly recommended for **heavy-duty diesel engines** and enables coverage of a fleet of mixed brands with a minimal number of products.
- ELF PERFO HDX 500 10W-30 / 15W-40 / 20W-50 is also suitable for **common rail diesel engines**.

APPROVALS

Specifications

ACEA E5
API CH-4/SJ

Meets the Requirements of:

Mack EO-M, MAN M 3275, MB-Approval 228.1,
Renault Trucks RD/RD-2, Volvo VDS-2

PERFORMANCES AND CUSTOMER BENEFITS

- ELF PERFO HDX 500 10W-30 / 15W-40 / 20W-50 has **excellent oxidation resistance**, guaranteeing **efficient engine protection** under normal and severe conditions.
- **Detergent, dispersant and anti-wear properties** keep the **engine clean** and enable effective control of soot, sludge and piston deposits.
- ELF PERFO HDX 500 10W-30 / 15W-40 / 20W-50 exhibits a **high alkaline reserve** to avoid overly shortened oil drain interval with the use of high sulphur fuel.
- This lubricant has **superior protection** against wear ensuring **long engine life**.

PHYSICAL AND CHEMICAL CHARACTERISTICS

ELF PERFO HDX 500		Method	10W-30	15W-40	20W-50
Density at 15°C	kg/m ³	ASTM D1298	867	883	890
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	80.0	108.7	160.1
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	11.7	14	17.5
Viscosity Index	-	ASTM D2270	139	130	120
Flash point	°C	ASTM D92	>200	>200	>200
T.B.N	mgKOH/g	ASTM D2896	9	9	9

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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FRANCE

ELF PERFO HDX 500 15W-40 / 20W-50
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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.*

