PERFO HDX 200 10W / 30 / 40 / 50

Universal mineral lubricant for diesel engines.

APPLICATIONS

- ELF PERFO HDX 200 10W / 30 / 40 / 50 is recommended for all **turbocharged or naturally-aspirated diesel engines** of **commercial vehicles** (trucks, buses, vans, pick-ups, taxis...), **public works equipments** and **locomotives** requiring **API CF** performance.
- This lubricant is also suitable for all **diesel stationary engines** (energy production).
- ELF PERFO HDX 200 10W / 30 / 40 / 50 is well suited for **gear boxes**, **torque converters** and **hydraulic systems** when the manufacturer requires engine oil with an appropriate grade for these applications.

APPROVALS

Specifications API CF / SF

PERFORMANCES AND CUSTOMER BENEFITS

- ELF PERFO HDX 200 10W / 30 / 40 / 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 200 10W / 30 / 40 / 50 exhibits a **high alkaline reserve** to avoid overly shortened oil drain interval with the use of high sulphur fuel.

PHYSICAL AND CHEMICAL CHARACTERISTICS

ELF PERFO HDX 200		Method	10W	30	40	50
Density at 15°C	kg/m^3	ASTM D1298	881	886	885	885
Kinematic Viscosity at 40°C	mm^2/s	ASTM D445	36.5	102.1	124.8	124.8
Kinematic Viscosity at 100°C	mm^2/s	ASTM D445	5.8	11.5	13.2	13.2
Viscosity Index	-	ASTM D2270	100	100	100	100
Flash point	°C	ASTM D92	>200	>200	>200	>200
T.B.N	mgKOH/g	ASTM D2896	>9	>9	>9	>9

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

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