



A brand of **TOTAL**

## PERFO HDX 300 15W-40 / 20W-50



**Mineral lubricant for diesel engines.**

### APPLICATIONS

- ELF PERFO HDX 300 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 CF-4** performance.
- This lubricant is well suited for all **industrial vehicles** operating **under severe service conditions** (high temperature, frequent stops...).
- ELF PERFO HDX 300 15W-40 / 20W-50 is specifically recommended for **diesel engines** from heavy duty to extremely heavy-duty.

### APPROVALS

<b>Specifications</b>	ACEA E2 API CF-4 / SG
<b>Meets the Requirements of</b>	MAN 271, MB-Approval 228.1, Volvo VDS

### PERFORMANCES AND CUSTOMER BENEFITS

- ELF PERFO HDX 300 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 300 15W-40 / 20W-50 exhibits **superior protection** against heat and wear ensuring long engine life.

### PHYSICAL AND CHEMICAL CHARACTERISTICS

ELF PERFO HDX 300		Method	15W-40	20W-50
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	879	895
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	144.3	154.5
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	18.8	18
Viscosity Index	-	ASTM D2270	147	130
Flash point	°C	ASTM D92	>200	>200
T.B.N	mgKOH/g	ASTM D2896	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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ELF PERFO HDX 300 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.*

