



A brand of **TOTAL**

## PERFORMANCE HARMONY 15W-40



**Mineral lubricant for diesel engines, suitable for use in on road applications, with "low-SAPS" technology.**



### APPLICATIONS

- ELF PERFORMANCE HARMONY 15W-40 is adapted to **on-road diesel** technology (heavy-duty, urban transport, delivery...).
- It is also compatible with certain gas engines.
- With its "**low-SAPS**" (low sulphated ash, phosphorus and sulphur) technology, ELF PERFORMANCE HARMONY 15W-40 protects diesel engines equipped with **post-treatment systems** such as diesel particulate filters (DPFs).
- ELF PERFORMANCE HARMONY 15W-40 is suitable for **Euro 6** (and previous) **Renault Trucks** and **Volvo** engines and for **most other manufacturers** up to **Euro 5**.
- ELF PERFORMANCE HARMONY 15W-40 enables coverage of a fleet of mixed brands, with a minimal number of products.

### APPROVALS

|                                  |  |               |
|----------------------------------|--|---------------|
| <b>Specifications</b>            | API CJ-4/CI-4 plus/CI-4/CH-4/SM  | ACEA E9/E7-04 |
| <b>Manufacturers' approval</b>   | Cummins CES 20081<br>Mack EO-O Premium Plus<br>MAN M 3575<br>MB-Approval 228.31<br>Renault Trucks RLD-3<br>Volvo VDS-4 |               |
| <b>Meets the requirements of</b> | Caterpillar ECF-3<br>DAF<br>Detroit Diesel Power Guard 93K218<br>IVECO<br>SCANIA<br>ISUZU                              |               |

### PERFORMANCES AND CUSTOMER BENEFITS

- ELF PERFORMANCE HARMONY 15W-40 contains **excellent viscosity stability** in service, guaranteeing efficient engine lubrication in severe conditions.
- **Exceptional detergent, dispersant and anti-wear additives** keep the **engine's most sensitive parts clean** and enable effective control of soot, sludge and piston deposits.
- The "**low-SAPS**" formulation of ELF PERFORMANCE HARMONY 15W-40 improves the post-treatment system durability, preventing the clogging of the diesel particulate filter.

### PHYSICAL AND CHEMICAL CHARACTERISTICS

| ELF PERFORMANCE HARMONY 15W-40 |                    | Method     | Value |
|--------------------------------|--------------------|------------|-------|
| Density at 15°C                | kg/m <sup>3</sup>  | ASTM D1298 | 874   |
| Kinematic Viscosity at 40°C    | mm <sup>2</sup> /s | ASTM D445  | 120   |
| Kinematic Viscosity at 100°C   | mm <sup>2</sup> /s | ASTM D445  | 15.5  |
| Viscosity Index                | -                  | ASTM D2270 | 136   |
| Flash point                    | °C                 | ASTM D92   | 218   |
| Pour Point                     | °C                 | ASTM D97   | -36   |
| T.B.N                          | mgKOH/g            | ASTM D2896 | 8.5   |
| Sulphated Ash                  | % m/m              | ASTM D874  | 0.98  |

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

#### TOTAL LUBRIFIANTS

562 avenue du Parc de l'Île  
92029 Nanterre  
FRANCE

#### ELF PERFORMANCE HARMONY 15W-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.*

