



A brand of **TOTAL**

PERFORMANCE DISCOVERY FE 15W-30



Mineral lubricant for diesel engines, with FUEL ECONOMY technology, suitable for on-road heavy-duty applications.



APPLICATIONS

- Mineral lubricant used in **on-road diesel heavy-duty** applications.
- ELF PERFORMANCE DISCOVERY FE 15W-30 is recommended to **Euro 3**, and previous engines of **most European and American manufacturers**. It is also adapted to **Euro 5** and previous engines of **some manufacturers** with **appropriate oil drain intervals**.

APPROVALS

Specifications	API CI-4/CH-4	ACEA E7
Manufacturers' approval	Cummins CES 20077/78 Mack EO-N MAN M 3275 MB-Approval 228.3 Renault Trucks RLD-2 Volvo VDS-3	

PERFORMANCES AND CUSTOMER BENEFITS

- Its **FUEL ECONOMY** technology helps save 1% fuel on average, compared to an SAE 40 grade reference lubricant. This value can reach 3% if used in combination with **FUEL ECONOMY** transmission lubricants.
- Outstanding **detergent, dispersant and anti-wear properties** keep the engine's **most sensitive parts clean** and afford efficient protection against cylinder liner polishing, thus guaranteeing **extended engine lifespan**.

PHYSICAL AND CHEMICAL CHARACTERISTICS

ELF PERFORMANCE DISCOVERY FE 15W-30	Method	Value
Density at 15°C	kg/m ³	ASTM D1298 884
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445 89
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445 12.1
Viscosity Index	-	ASTM D2270 129
Flash point	°C	ASTM D92 222
Pour Point	°C	ASTM D97 -30
T.B.N	mgKOH/g	ASTM D2896 10
Sulphated Ash	% m/m	ASTM D874 1.5

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