



CAPRANO TDK 15W-40



High performance “low- SAPS” lubricant for industrial Diesel engines.

SPECIFICATIONS AND APPROVALS

International specifications	ACEA E9/E7	API CK-4/CJ-4/SN
Manufacturers' approvals	Meets the requirements of	
✓ Cummins CES 20086	✓ Caterpillar ECF-3 / ECF-2 / ECF-1a	
✓ Volvo VDS-4.5		

APPLICATIONS

TOTAL CAPRANO TDK 15W-40 is a **high-performance lubricant** used in **industrial Diesel engines**.

The use of this lubricant is linked to the mandatory use of ultra low sulfur fuel (<50 ppm).

With its “**low-SAPS**” (low sulphated ash, phosphorus and sulphur) technology, TOTAL CAPRANO TDK 15W-40 is specifically adapted to the latest generation of Diesel engines equipped with **post-treatment systems**, such as Diesel particulate filters (DPFs).

TOTAL CAPRANO TDK 15W-40 is also suitable for engines with selective catalytic reduction systems.

PERFORMANCES AND CUSTOMER BENEFITS

The high quality base stocks combined with high-performance additives make TOTAL CAPRANO TDK 15W-40 a lubricant with exceptional **technical performances** and sustainable over time.

Advanced additives keep the engine's most sensitive parts clean thanks to the **detergent, dispersant and anti-wear properties**, added to an effective control of soot, sludge and deposits.

The “**low-SAPS**” formulation of TOTAL CAPRANO TDK 15W-40 improves the post-treatment system durability, preventing the clogging of the Diesel particulate filter (DPF).

PHYSICAL AND CHEMICAL CHARACTERISTICS*

TOTAL CAPRANO TDK 15W-40		Method	Value
Density at 15 °C	kg/m ³	ASTM D1298	877
Kinematic Viscosity at 40 °C	mm ² /s	ASTM D445	118.2
Kinematic Viscosity at 100 °C	mm ² /s	ASTM D445	15.47
Viscosity Index	-	ASTM D2270	137
Pour point	°C	ASTM D97	-30
T.B.N	mgKOH/g	ASTM D2896	10
Sulphated Ash	% m/m	ASTM D874	0.99

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

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TOTAL CAPRANO TDK 15W-40
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www.lubricants.total.com



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 or on the website www.quickfds.com