

# Genuine DEUTZ Oil

DEUTZ Oil TLX 10W40 FE (DQC III-10)

Semi-synthetic Ultra High-Performance diesel engine oil  
for highest loads



Safety with DQC  
DEUTZ QUALITY CLASS!

The engine company.



### DEUTZ Oil TLX 10W40 FE (DQC III-10)

is a super high-performance SAE 10W40 engine oil made from synthetic base oils.

DEUTZ Oil TLX 10W40 FE is used intensively in the development and service life tests of supercharged DEUTZ engines with closed-crankcase breathing systems.

Compared with conventional engine oils, TLX 10W40 FE offers a significant reduction in fuel consumption, especially with cold starts and at low temperatures.

The innovative formula reduces turbocharger deposits and is thus ideal for engines with closed-crankcase breathing systems. On this basis, the oil qualifies for DEUTZ Quality Class DQC III-10.

With its synthetic components, Deutz Oil TLX 10W40 FE offers major benefits for engines with open-crankcase breathing and is therefore particularly recommended for all Tier 3 engines.

### Clearances / Specifications

DEUTZ DQC III-10  
ACEA E7/A3/B4  
API CI-4  
GLOBAL DHD-1  
JASO DH-1

### Benefits

- Extremely rapid engine permeation, even at very low ambient temperatures, greatly reduces cold-start wear.
- Reduction of turbocharger deposits.
- Constant thermal properties, even at high ambient temperatures.
- Optimal use as all-season oil.
- Offers high protection against wear, even under permanent load conditions at full throttle.
- Protects against corrosion, even when using diesel fuels with high sulphur content.
- Provides excellent protection against deposits, sludge and sticking, both under extreme thermal loads and during intermittent operation.
- Extremely low oil consumption through use of low-volatility base oils made by MC synthesis.
- Oil service life can be prolonged and optimised by applying the DEUTZ Oil Diagnosis System.

### Notes concerning application

- Regardless of the total operating hours, DEUTZ engines can be converted to TLX 10W40 FE without flushing.
- In order to achieve full performance, genuine DEUTZ engine oils should not be mixed with other types of oil.
- Permissible oil service life data can be found in the instruction manuals and in Technical Circular TR 0199-99-3002, depending on the application.
- The admixture of commercially available additives to genuine DEUTZ engine oils will impair the performance of the oils and is not recommended by DEUTZ.
- To determine the suitability of DEUTZ engine oil TLX 10W40 FE for engines made by other manufacturers, please consult your DEUTZ dealer.
- Safety datasheets can be obtained from your DEUTZ dealer on request.
- DEUTZ oils comply with existing regulations of the EU, e.g. 1907/2006 REACH

Part Number	Designation	Pack
0101 6335	DEUTZ Oil TLX 10W40 FE	5 litres container
0101 6336	DEUTZ Oil TLX 10W40 FE	20 litres container
0101 6337	DEUTZ Oil TLX 10W40 FE	209 litres drum
0101 6338	DEUTZ Oil TLX 10W40 FE	tank truck

### Technical values TYPICAL

SAE Class		10W40	SAE J 300
TBN	[mg KOH/g]	10.5	DIN ISO 3771
Density	[g/ml]	0.874	DIN 51757
Flash point COC	[°C]	228	DIN ISO 25
Pour point	[°C]	- 36	DIN ISO 3016
Viscosity 40°C	[mm <sup>2</sup> /s]	92.1	DIN 51562-1
Viscosity 100°C	[mm <sup>2</sup> /s]	13.7	DIN 51562-1
Viscosity index (VI)		151	DIN ISO 2909
Sulfate ash	[weight %]	1.40	DIN 51575

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