

Original DEUTZ Oil

DEUTZ Oil TLX-10 W 40 FE (DQC III-05)



The engine company.



DEUTZ Oil TLX-10 W40 FE (DQC III-05)

is a super high-performance SAE 10 W-40 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-05.

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-05
ACEA E7-04 / E5-02 / E3-96 / B4-04 / A3-04
API CI-4/SL
GLOBAL DHD-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-10 W40 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-10 W40 FE for engines made by other manufacturers, please consult your DEUTZ dealer.
- Safety datasheets can be obtained from your DEUTZ dealer on request.

No.	Designation	Pack
0101 6335	DEUTZ Oil TLX-10 W 40 FE	5 l container
0101 6336	DEUTZ Oil TLX-10 W 40 FE	20 l container
0101 6337	DEUTZ Oil TLX-10 W 40 FE	205 l drum
0101 6338	DEUTZ Oil TLX-10 W 40 FE	tank truck

Technical values TYPICAL

SAE Class		10 W 40	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 ² /s]	92.1	DIN 51562-1
Viscosity 100 °C	[mm ² /s]	13.7	DIN 51562-1
Viscosity index (VI)		151	DIN ISO 2909

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