

Genuine DEUTZ Oil

DEUTZ Oil DQC4 5W30 UHP (DQC IV-10)

Synthetic Premium High-Performance diesel engine oil
for hardest loads and applications



Safety with DQC
DEUTZ QUALITY CLASS!

The engine company.



DEUTZ Oil DQC4 5W30 UHP (DQC IV-10)

is a full-synthetic ultra high-performance SAE 5W30 engine oil especially for closed crankcase ventilation systems. For engines BF6M1013FC Genset 200 kVA with closed-crankcase ventilation it is strongly recommended to use lubeoils according to quality class DQC IV-10 to guarantee the turbo-charger's cleanness.

On the basis of its synthetic composition the thermal consistency in case of operation is obtained, avoiding deposits in the turbocharger and the charge air pipes for engines with closed crankcase ventilation.

DEUTZ Oil DQC4 5W30 UHP is used intensively in the development and service life tests of supercharged DEUTZ engines with closed crankcase ventilation systems.

The use of synthetic base oils at PAO*-basis with extreme low evaporation loss guarantees an exceptional low oil consumption.

Compared with conventional engine oils, DEUTZ Oil DQC4 5W30 UHP offers a significant reduction in fuel consumption, especially with cold starts and at low temperatures.

*Polyalphaolefine

Clearances / Specifications

DEUTZ DQC IV-10
ACEA E7/E4

Benefits

- DEUTZ Oil DQC4 5W30 UHP (DQC IV-10).
- Fastest engine permeation, even at very low ambient temperatures < -30°C, greatly reduces cold-start wear.
- Lowest tendency towards deposits in turbocharger and charge air manifold.
- Offers high protection against wear, even under permanent load conditions at full throttle.
- Optimal use as all-season oil.
- 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 operations.
- Optimal ageing stability even at highest thermal loads.
- High profitability due to further minimised oil and fuel consumption.
- Oil service life can be prolonged and optimised by applying the DEUTZ Oil Diagnosis System (see TR 0199-99-1119).

Notes concerning application

- Regardless of the total operating hours, DEUTZ engines can be converted to DQC4 5W30 UHP 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 0199-99-1217, 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 DQC4 5W30 UHP 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 No. | Designation | Pack |
|-----------|-------------------------|---------------------|
| 0101 7849 | DEUTZ Oil DQC4 5W30 UHP | 20 litres container |

Technical values TYPICAL

| | | | |
|----------------------|----------------------|-------|--------------|
| SAE Class | | 5W30 | SAE J 300 |
| TBN | [mg KOH/g] | 16.0 | DIN ISO 3771 |
| Density | [g/ml] | 0.860 | DIN 51757 |
| Flash point COC | [°C] | 220 | DIN ISO 2592 |
| Pour point | [°C] | - 54 | DIN ISO 3016 |
| Viscosity 40°C | [mm ² /s] | 72.4 | DIN 51562-1 |
| Viscosity 100°C | [mm ² /s] | 12.0 | DIN 51562-1 |
| Viscosity index (VI) | | 163 | DIN ISO 2909 |
| Sulfate ash | [weight %] | 1.9 | DIN 51575 |

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