

# Original DEUTZ Oil

DEUTZ Oil TLS-15 W 40 D (DQC II-05)



The engine company.



## DEUTZ Oil TLS-15 W40 D (DQC II-05)

is a super high-performance diesel engine oil for super-charged diesel engines and diesel engines operating under high loads. It is fully compliant with DEUTZ Quality Class DQC II-05.

The viscosity SAE Class 15W-40 oil ensures problem-free, all-season operation without restriction.

DEUTZ Oil TLS-15 W 40 D is used intensively at DEUTZ as part of engine development work and during service life tests.

### Clearances/Specifications

DEUTZ DQC II-05  
ACEA E5-02 / E3-96 / B3-04  
API CG-4

### Benefits

- High level of protection against wear, even under permanent load conditions at full throttle.
- Protects against corrosion, even when using diesel fuels with high sulphur content.
- Guaranteed protection against deposits, sludge and sticking, both under extreme thermal loads and during intermittent operation.
- Rapid engine permeation after start, thus reducing wear caused during cold start and warm-up.
- Oil service life can be prolonged.

### Notes concerning application

- Regardless of the total operating hours, DEUTZ engines can be converted to TLS-15 W 40 D 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 TLS-15 W 40 D 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 6331	DEUTZ Oil TLS-15 W 40 D	5 l container
0101 6332	DEUTZ Oil TLS-15 W 40 D	20 l container
0101 6333	DEUTZ Oil TLS-15 W 40 D	205 l drum
0101 6334	DEUTZ Oil TLS-15 W 40 D	tank truck

### Technical values TYPICAL

SAE Class		15 W 40	SAE J 300
TBN	[mg KOH/g]	11.1	DIN ISO 3771
Density	[g/ml]	0.89	DIN 51757
Flash point COC	[°C]	222	DIN ISO 25
Pour point	[°C]	- 33	DIN ISO 3016
Viscosity 40 °C	[mm <sup>2</sup> /s]	103.00	DIN 51562-1
Viscosity 100 °C	[mm <sup>2</sup> /s]	14.5	DIN 51562-1
Viscosity index (VI)		141	DIN ISO 2909

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