

DEUTZ OPERATING FLUIDS

Optimum performance and protection for your engine.

The best engine can only be convincing if the fuels and additives used also meet the highest requirements.



Trust in DEUTZ:

Whether oils, cooling system conditioner or additives, with operating fluids from DEUTZ you benefit from the many years of experience and expert knowledge of our specialists. Engine and operating fluids become a perfectly coordinated system.

DEUTZ Cooling System Conditioner

All liquid-cooled engines require an effective product to ensure long-term conservation of the engine's cooling system. The use of unstable or unapproved products can lead to corrosion or deposits on hot spots. In addition, it can lead to pitting on the aluminum components and flocculation, which may cause severe engine damage.

Genuine DEUTZ Coolant is specifically engineered to ensure the desired performance, reliably, and durability that our customers demand!



Product features

- Is perfectly calibrated to all materials in DEUTZ engines
- Reliably prevents corrosion, cavitation and freezing
- Characterized by low maintenance requirements
- Replacement only necessary every two years
- Free of nitrites and amines, silicates and phosphates

DEUTZ Oils

DEUTZ engine oils are used on the test benches for the development of DEUTZ engines - there can be no better guarantee that these lubricants are a perfect fit for your engine! The use of DEUTZ engine oil is essential for reducing wear and increasing the engine's reliability. That is why we recommend the exclusive use of DEUTZ oils for all DEUTZ engines.

Product Features

- High level of protection against wear and corrosion, even when using diesel fuels with high sulphur content
- Safe protection against deposits, sludge and sticking
- Outstanding thermal stability on the basis of low-volatility base oils
- Extremely low oil and fuel consumption
- Reduced cold-wear behavior and fast engine permeation
- Protects the sensitive exhaust after-treatment components, e.g. diesel particulate filter and SCR-catalyst

Product portfolio DEUTZ Oils

Type	Application	Clearances/ Specifications
TLS 15W40 D	Super high-performance diesel engine oil for supercharged diesel engines.	DEUTZ DQC II-18 ACEA E7 API CI-4
TLX 10W40 FE	Ultra high-performance diesel engine oil made from HC-synthesis base oils for highest loads	DEUTZ DQC III-18 ACEA E7, A3/B3, A3/B4 API CI-4
DQC4 5W30 UHP	Full-synthetic premium-performance engine oil especially for closed crankcase ventilation systems	DEUTZ DQC IV-18 ACEA E4, E7
Rodon 10W40 Low SAPS	Premium high-performance engine oil for the latest DEUTZ engine generation with exhaust after-treatment.	DEUTZ DQC IV-18 LA ACEA E6, E7, E9 API CI-4
Hydraulic and transmission oils	Available upon request.	Please specify upon request

DEUTZ OIL CHECK – THE FITNESS TEST FOR YOUR ENGINE. The DEUTZ analysis of lube oil provides reliable early indication of increased wear and impending equipment failure – long before it actually becomes a problem!

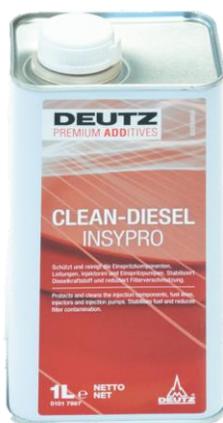
More information under: www.deutz.com/deutzoilcheck

DEUTZ Premium Additives

DEUTZ Premium Additives are ideally suited to support your engines during daily use. DEUTZ InsyPro® as well as DEUTZ PowerBlue are designed to work your DEUTZ engines perfectly and help to lower your operating costs. DEUTZ FlowBoost is a flow improver that makes summer- and transitional diesel usable even at cold temperatures. DEUTZ StartBoost is used as an effective fuel additive which supports the safe operation of emergency generators and slows down the ageing process of diesel fuel.

Fuel additive DEUTZ Clean-Diesel InSyPro®

Our fuel additive DEUTZ Clean-Diesel InSyPro® has been developed for modern diesel engines with their high demands on diesel fuel. DEUTZ Clean-Diesel InSyPro® is a dual-action, 2-in-1 additive: It removes existing deposits and clogging within the sensitive injection system caused by degrading biodiesel fuel and prevents the build-up of new deposits.



Product features

„Keep clean“ fuel stabilizer

Recommended every 500 h together with oil- and filter change

- Increases shelf life of diesel fuel and prevents deposits
- Prevents filters from becoming contaminated and clogged
- Guarantees a safe engine start after longer shutdowns

„Clean Up“ cleaning action

Recommend for stand-by-operation and longer periods of engine shutdown

- Dissolves deposits in the injection system components
- Prevents black smoke caused by fuel deposits, reduced engine performance and increased fuel consumption
- Recommended especially for high pressure injection systems



DEUTZ PowerBlue

The optimized alternative to conventional DEF: DEUTZ PowerBlue improves spraying behavior of the urea solution into the exhaust gas stream with special additives. This reduces crystallization and thus device downtime and costs. Particularly suitable for low ambient temperatures and applications with low loads and with many start-stops

Product Features

- Increases engine up-time and ensures maximum performance by reducing unplanned stand-still-time
- Reduces maintenance and operating costs by reduced fuel- and AdBlue® – consumption.

DEUTZ StartBoost

DEUTZ StartBoost is the ideal additive for applications with a low fuel tank throughput. It provides support by using stabilisers that slow down the ageing of the diesel fuel. The fuel is also protected against bacteria and fungi. A cetane number improver ensures optimised start-up behaviour by means of high combustibility.



Product Features

- Increases the start-up reliability by improving the ignition behaviour (cetane number)
- Increases the storability of the fuel by improving the oxidation and thermal stability.
- Protects the tank, fuel lines and filter against the development of microorganisms (diesel pest)



DEUTZ FlowBoost

The powerful fuel additive for increasing cold resistance. DEUTZ FlowBoost reduces the minimum usage temperature of the fuel by up to 10° C and allows a longer use of summer and transitional diesel. Special additives prevent the generation of large paraffin crystals and thus protect the fuel filters and lines from possible blockage.

Product Features

- Allows the use of summer and transitional diesel even a low temperatures
- Upgrades lower quality fuel
- Ensures machine usability via an improved cold start behavior
- Prevents fuel lines and filters from clogging

Properties	DEUTZ InSyPro®	DEUTZ StartBoost	DEUTZ FlowBoost
Cleans the injection system	+++		
Improves the storage stability of the fuel and reduces deposits in the injection system caused by Biodiesel	+++		
Improves combustibility		+++	
Protects against accelerated oxidation due to non-ferrous metals and iron typically found in power system applications.		+++	
Protects the fuel system against corrosion	+	++	
Improves lubricity	++	+	
Improves the cold flow behaviour of the fuel			+++

+++ Applicability of the product. Ratio of properties simplified for better clarity.

Available at your local DEUTZ Service Partner and at www.sdeutz.com!



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