

Genuine DEUTZ Additives

Clean-Diesel InSyPro

2 in 1-Additive

Tested and released within all DEUTZ engine types
and especially recommended for DCR® systems



The engine company.



The implementation to the stricter exhaust emission regulations is impeded by the difference in diesel fuels worldwide. Currently there can be found huge differences, for example, those containing 5 % - 20 % (and more) biodiesel based on rapeseed, palmoil, soya etc. **Under the influence of temperature, oxygen and time, biodiesel decomposes and forms deposits which lead to „gumming“ of the injectors and high pressure pumps, especially in modern Common Rail injection systems.** Different diesel specifications and qualities are the most common reasons for expensive machine downtime and injection system repair jobs!

Original DEUTZ Clean-Diesel InSyPro is a high-performance additive suitable for all diesel fuels. It contains only the necessary ingredients for a selective treatment without impacting on the environment needlessly. This enables a comfortable handling and stocking. Approved

- in all DEUTZ engines and engine series
- for all DEUTZ approved diesel- and biodiesel fuels and -blends

Original DEUTZ Clean-Diesel InSyPro has a dual function:

Cleaning effect “Clean-up”

With increasing operation time, deposits accumulate within the injection system and significantly affect machine power output. DEUTZ Clean-Diesel InSyPro restores “the brand-new” engine performance:

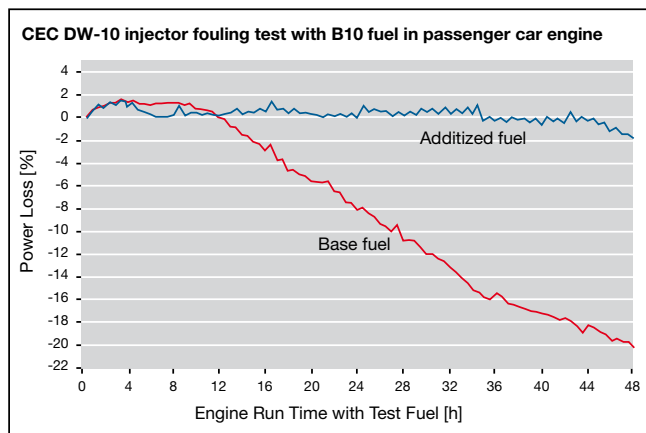
- removes deposits within injectors, injection pumps and -lines
- raised smoke values caused by deposits will be normalised
- corrosion protection and lubrication
- reduces fuel consumption and conserves engine power

Recommended application:

- at starting problems and increased smoke values
- at high engine load
- in regions with poor diesel fuel quality

Stabilisation “keep clean”

Diesel fuel and especially bio diesel mixtures, oxidise (“age”) when specific influences are present. This can lead to “gumming” of the injection components and to filter plugging.



Original DEUTZ Clean-Diesel InSyPro

- enhances the oxidation stability and prevents deposits
- prolongs the storing life of diesel fuel
- reduces filter contamination and filter plugging
- guarantees safe start after longer shutdown periods
- blocks the set-up of deposits

Recommended application:

- in stand-by-operation, e.g. Gensets, rental machines
- in new machines before shipment delivery
- when operating with biodiesel (FAME) and biodiesel blended fuels
- for engine conservation (see TR 0199-99-1170)

Storage demonstration - B10 test fuel @ 50°C for 3 months



Base fuel

Base fuel + additive

The use of unreleased additives may lead to deposits, corrosion, filter plugging to the point of breakdown of the exhaust after treatment system. DEUTZ recommends repeating this “clean-up”-flushing operation every 500 hrs. in conjunction with the oil change interval. For preventative protection and diesel stabilisation it should be permanently added to the diesel fuel in halved treat rate.

DEUTZ AG
 Ottostr. 1
 51149 Cologne, Germany
 Phone: +49 (0) 221 822-0
 Telefax: +49 (0) 221 822-3525
 E-Mail: info@deutz.com
 www.deutz.com

The engine company. 