



MN 10326-08/18

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Product Launch DEUTZ® PowerBlue

As of beginning of September 2018 DEUTZ PowerBlue, an additive urea solution based on urea solution according to ISO 22241 resp. DIN 70070, will be available. DEUTZ PowerBlue can be used equally to common AdBlue® / AUS 32 / DEF and meets above quality standards. Material safety data sheet will be available for download in all European languages under <http://www.deutz-sdb.com/en> with immediate effect.

Part Number NEW	Unit	Remark
0101 6546	10 L	AdBlue® sold under 0101 7982 as well as 0101 7983 will be out-phased after consumption.
0101 6547	208 L	
0101 6548	1.000 L	

Customer advantages

- ▶ Increases engine up-time and ensures maximum performance by reducing unplanned stand-still-time
- ▶ Reduces maintenance und operating costs by reduced Fuel- and AdBlue®-consumption

Focus applications

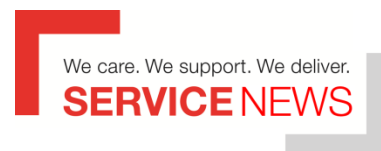
- ▶ Applications at low ambient temperatures
- ▶ Applications with low loads
- ▶ Applications with frequent engine start-stops

Solved customer challenge

Commonly used urea solution can't take full effect at low exhaust gas temperatures, caused by low load applications, low ambient temperatures or frequent engine start-stops. Unwanted by-products like

Die Vervielfältigung, Veröffentlichung oder Weitergabe dieser Unterlage ist – auch auszugsweise – untersagt.

Verteiler: Service-Marketing





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crystals may occur as a result. Crystallisation might lead to blocked catalyst and SCR-mixing tubes, causing unplanned and unnecessary engine down-times.

As part of the SCR - exhaust after-treatment by use of SCR-catalyst and AdBlue[®] - the nitrogen oxides in the exhaust gas react with the urea solution to form ammonia and carbon dioxide (Hydrolysis). On the SCR-catalysts surface the ammonia reacts with the nitrogen oxides to form nitrogen and water. For a full conversion exhaust gas temperatures of around 200°C are required. Above mentioned focus applications do not achieve these temperatures typically, which might lead to SCR blocking.

DEUTZ PowerBlue performance

DEUTZ PowerBlue improves spraying behaviour of the urea solution into the exhaust gas stream by special additives. It assists the conversion of the urea solution also at low operations temperatures and the risk of unplanned engine-downtime is significantly reduced by using DEUTZ PowerBlue.

Usage and storage

Add DEUTZ PowerBlue in the AdBlue[®] / DEF-Tank. It can be used equally to common AdBlue[®] / AUS 32 / DEF and can be mixed among each other. Store products in closed cases and frost-free. Attention: DEUTZ PowerBlue crystallises at -11°C. For more information see TR 0199-99-01164.

Storage life:

Storage Temperature < 25°C:	18 Month
Storage Temperature 25°C – 30°C:	12 Month
Storage Temperature 30°C – 35°C:	6 Month

Introducing new label design

DEUTZ PowerBlue is the first DEUTZ Premium product with the new label design. Step by Step all DEUTZ Premium operating fluids (Clean-Diesel InSyPro, Lubricants, coolant) will shine in new splendour.



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Label front side



Label back side

Attachments

Price-list

Preliminary customer information

Material safety data sheet (German + English, rest to be found in download portal)

DEUTZ AG

Product management Service

Genuine parts & Operating fluids

i.A. M. Rosner

MS-PG

DEUTZ AG

Product management Service

Operating fluids, mounting & maintenance parts

i.A. R. Brümmer

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