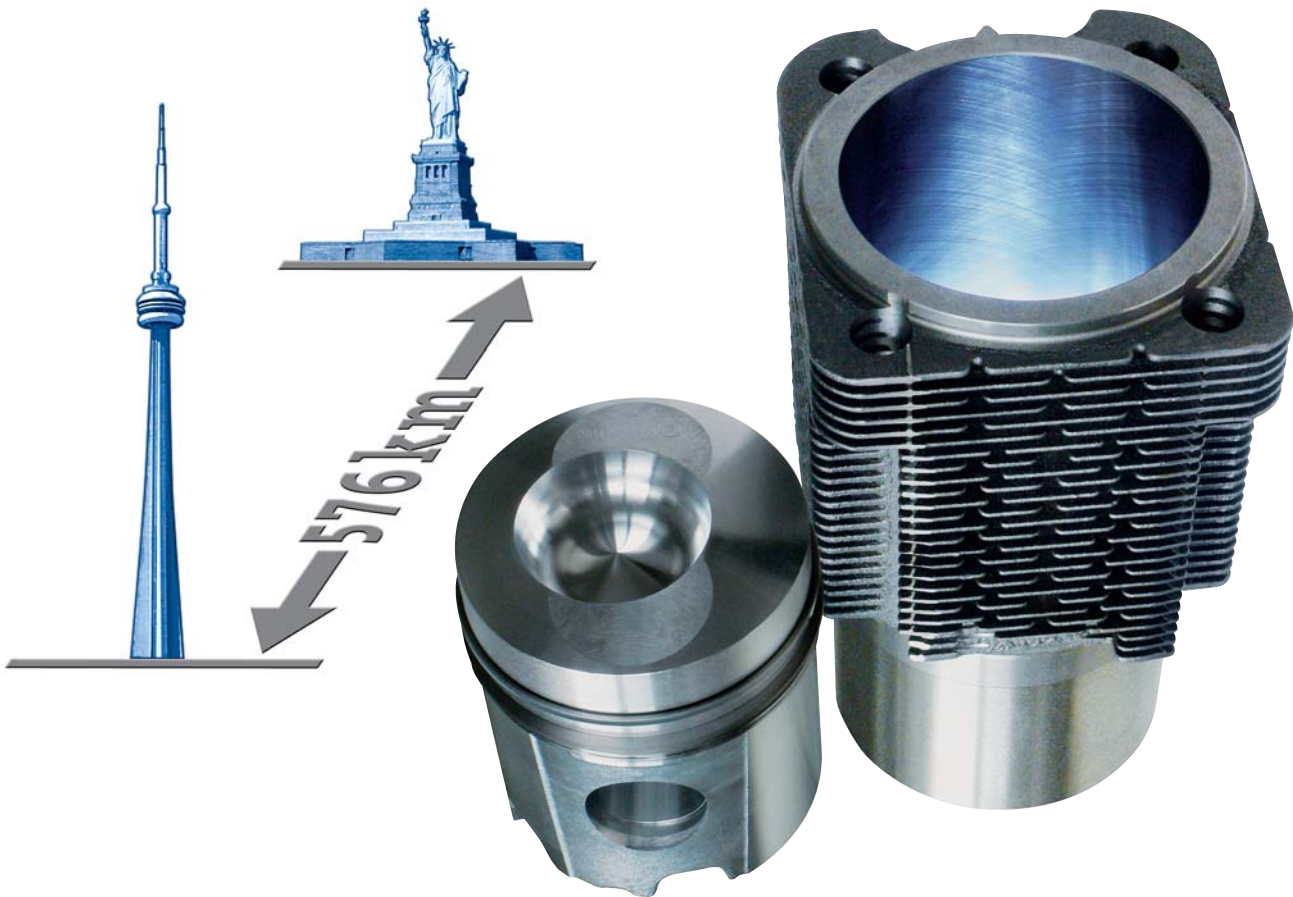


# Genuine DEUTZ Parts

Did you know that in one day a piston in your DEUTZ engine travels the equivalent of the distance between Toronto and New York?\*



\* A piston in DEUTZ engine F4L 913 operating at 1600min<sup>-1</sup> covers 576km (over 357 miles) in 24 hours when all up and down movements are added together – that's equivalent to the distance between Toronto and New York.

**Important!**

The engine company.



# Genuine DEUTZ cylinder piston assembly for air-cooled compact engines



## Genuine DEUTZ cylinders and pistons for the toughest loads

- Combustion pressure up to 125 bar
- Surrounded by gases with temperatures up to 2000 °C
- At 1600 min<sup>-1</sup> pistons and piston rings change direction 4,608,000 times in 24 hours

## Safety with DEUTZ assemblies

- Perfect matching of all parts with the engine through application of knowledge from latest DEUTZ developments ensures maximum operating safety
- Perfect fit of cylinder, piston and piston rings minimises noise emissions
- Maximum cooling through gaps in cooling fins for optimal efficiency
- Optimal honing and matching of piston ring to DEUTZ specifications reduces oil consumption and prevents serious damage to engine
- Low weight of aluminium piston reduces fuel consumption
- Consistent quality through 100 % quality checks at DEUTZ and ISO 9001 standard ensures reliability

## DEUTZ assemblies save you money

- Reduced fuel and oil consumption, low exhaust emissions
- Long service life
- Greater operational safety

## Only genuine DEUTZ parts give optimal protection.

- |                                |                                |
|--------------------------------|--------------------------------|
| 1 Aluminium piston             | 6 Groove with oil scraper ring |
| 2 Piston pin                   | 7 Circlip                      |
| 3 Cooling fins with gaps       | 8 Cylinder honing              |
| 4 Combustion chamber bowl      | 9 Serial number and DEUTZ logo |
| 5 Groove with compression ring |                                |



Danger if non - genuine DEUTZ parts used!

\*\* Incorrect honing increases wear and oil consumption.

\* Low oil consumption through optimal honing to DEUTZ specifications.



Cylinder liner production and quality assurance by DEUTZ in Cologne

The engine company.

