

# KEROPUR® DP

## Farming Solutions



New level of  
**DIESEL FUEL**

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**■ - BASF**  
We create chemistry

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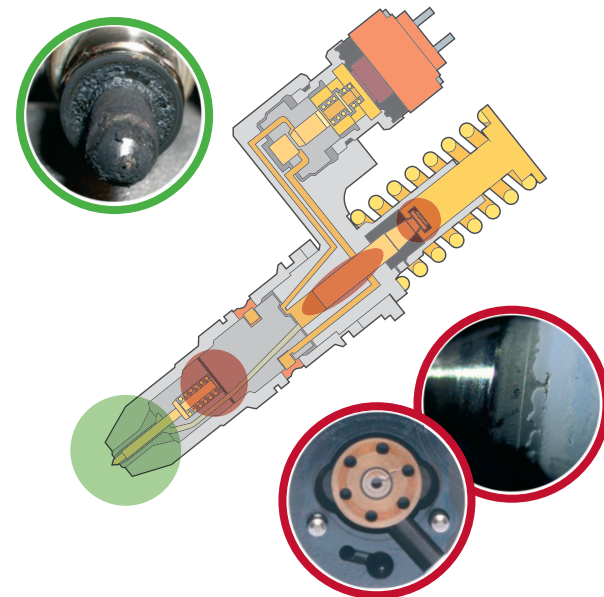
Big tasks behind agricultural machinery require maximum power to be available on demand.

## What are the challenges for agricultural machinery?

Poor fuel quality can lead to deposit formation in the engine. These deposits over time can increase, reducing engine performance and increase emissions.

### External spray hole deposits

Deposits can form inside and around the fuel injector spray nozzles. As deposits build up, they can disrupt the spray pattern and restrict fuel flow. Deposits can reduce engine power, increase fuel consumption, and exhausted gas emissions.



### Internal Diesel Injector Deposits (IDID)

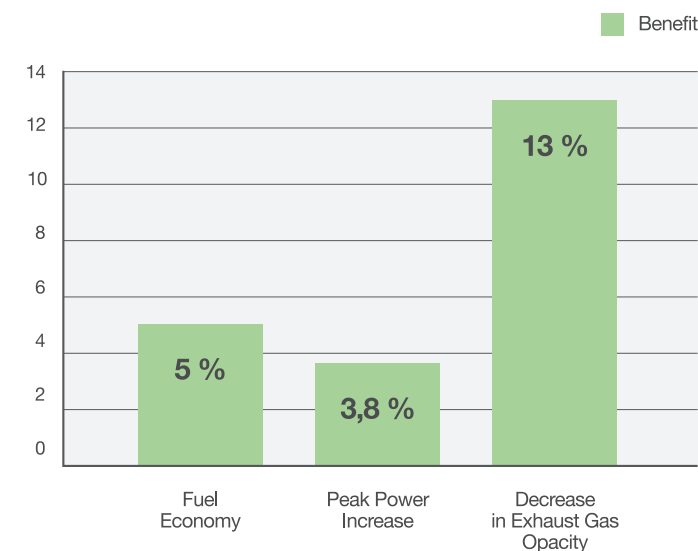
Deposit formation on the valve, piston and needle may result in engine vibration (especially at cold temperatures), poor cold start behavior and engine performance.

## THE CURE?

BASF's high performance diesel fuel additive **KEROPUR® DP**. Contains an innovative deposit control additive specially formulated for heavy-duty engines to help reduce fuel consumption. When used regularly **KEROPUR® DP** will clean and protect the engine and fuel system helping farmers reduce costs and maximise the productivity of their equipment.

**KEROPUR® DP** removes already existing deposits (clean-up effect) and prevents the formation of new deposits (keep-clean effect).

Cetane booster technology enables quieter more reliable start-ups especially at low temperatures and improves engine behaviour. **KEROPUR® DP** can help extend engine life, maintain peak engine performance and restore the full potential of engines that suffer over time from fuel deposit build-ups.



## HOW IT WORKS?

**KEROPUR® DP** is a balanced fully-formulated additive package that depending on your need contains components to improve the characteristics and quality of the fuel:

- Deposit control additive
- High-efficient corrosion inhibitor
- Cetane booster
- Dehazer (water separation control)
- Anti-foam additive
- Antioxidants to improve chemical stability of fuel.

## What are the benefits of KEROPUR® DP from BASF?



### Prolongs the engine life

High performance diesel fuel additive **KEROPUR® DP** is designed to meet the challenges of agricultural machinery.

- **KEROPUR® DP** can improve the stability of fuels with biodiesel content, decreasing the risk of deposit formation.
- **KEROPUR® DP** can prevent the formation of sticky gum deposits and reduces filter plugging issues to extend the life of your machinery.



Tractor's injectors after 1200 hrs running with base fuel and after 53hrs with diesel fuel additized by **KEROPUR® DP**



### Power increase

**KEROPUR® DP** when used regularly can restore the full power and acceleration of your machinery.



### Decrease of total cost of ownership

Agriculture is an important source of income and the world's largest business. Our goal is to support end-to-end efficiency, by improving fuel performance and reducing the cost of machinery ownership.

**KEROPUR® DP** help farmers optimize their fuel, saving time, saving money and reducing emissions.



### Corrosion protection

**KEROPUR® DP** helps eliminate damaging and potentially costly corrosion from forming inside fuel storage tanks and throughout the entire vehicle fuel system.



Standard diesel fuel (75% corrosion)



**KEROPUR® DP**  
Anti-Corrosion test Diesel fuel with  
(water mix with fuel after 4 hrs)



### Foam reduce

**KEROPUR® DP** enables complete and quicker fueling and prevents diesel spillage, saving you time.



### Environment protection

Improving the quality of your fuel helps decrease your fuel consumption and exhaust gas emission.



### More economy

**KEROPUR® DP** helps to decrease fuel consumption up to 5%. Optimal and efficient engine performance drive down the maintenance costs of the machinery.