

## PRODUCT STUDIES

- WITH CLEAR EVIDENCE OF EUROAD´S GOOD QUALITIES

### // THE ZEPPELIN STUDY - PERKINS ENGINE

#### STUDY OF CONSUMPTION AND EMISSION MEASUREMENT - WITH AND WITHOUT EUROAD

Zeppelin evaluated our products for use of large energy production in a Perkins engine. The test was made during April 2016, by Laboratorium für Umweltanalytik GesmbH and took place in Zeppelin Österreich GmbH, Fischamend, Austria.

EXTRACTS FROM THE ZEPPELIN REPORT

#### DESCRIPTION OF THE MEASUREMENT OBJECTIVE

Measurement of combustion components emitted by a power unit Perkins 1104 D 110 kVA operated with standard premium diesel with and without the fuel additive EuroAd.

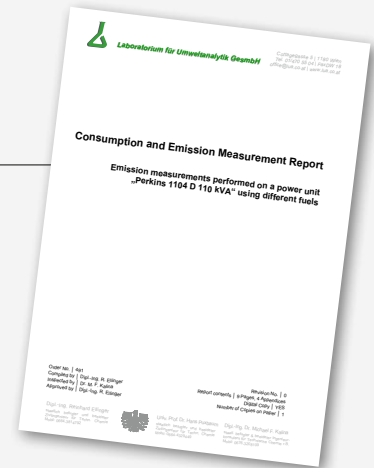
#### RESULTS

- The fluctuation in engine speed decrease extremely.
- In the low-load range and especially in the full-load range the difference in fuel consumption were remarkable.

Generally speaking the measured results are relevant mainly for electronically regulated engines. Mechanically regulated engines need more time to realize changes in revolution so that the stated improvements are not so relevant.

#### A conclusion in favor of premium products with EuroAd

- The measured results mean that industrial engines can regulate the optimal rpm more quickly as the fuel combustion is more effective. Therefore the required rpm can be achieved in a shorter period of time (less clattering "knocking" of the engine).
- The premium product with EuroAd produces less unburned fuel while readjusting the rpm leading to fuel savings.
- A more stable full-load operating is therefore also guaranteed. Electrical failures are removed as the rpm remain stable with the premium product that includes the EuroAd additive.



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