

Solution for Productivity & Performance Profiling for Hydrocarbons



Impact of Real Field Diesel Quality Variability on Engine Emissions and Fuel Consumption Solutions for Onboard Optimisation

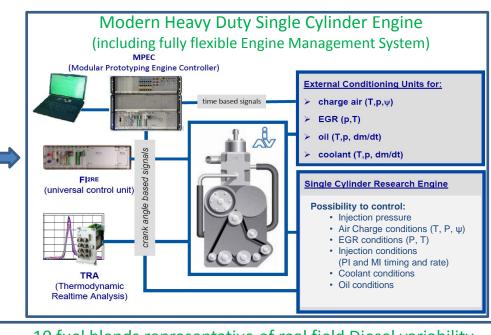
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Poster Location P-07Tuesday session

Motivation:

All Fuels are different (crude oil – process – "bio" content)

- What is the impact on Engine Behavior?
- Possibility to optimize Engine depending on Fuel Quality Information ?



With constant injection parameters (optimized for a reference fuel)

Significant effect of Fuel Variability on Fuel Consumption and Emissions

Systematic Injection Parameters variations

Possibility to optimize Engine behavior depending on Fuel Quality information

