poster location P-03 : NIRIS = Fuel Quality Sensor

Reducing fuel consumption on the field, by continuously measuring fuel quality on electronically fuel injected engines



Patrice FLOT CMR

Managing Director

Initial publication has been provided at CIMAC congress 06-2010



poster location P-03 : NIRIS = Fuel Quality Sensor

Sensor performs continuous Near Infra Red spectrometry of the fuel, resulting in 20 parameters specifying fuel quality, so called HCP's.

- Like each person has his own finger prints, each fuel has its own set of HCP's.
- Solution to data base, the sensor recognizes fuel and related properties.
- ✤ By transmitting sensor output to the ECU, engine can be fine tuned continuously.

