

# Centre for Smart Product Automotive Testing Services



Practical solutions for *business*

## Not sure if it works? Let us prove it for you.

WelTec Connect Ltd's Centre for Smart Product operates a state-of-the-art automotive testing facility, which specialises in emissions and performance testing for diesel and petrol engines.

Our qualified technicians can help you construct a customised set of testing requirements and protocols for almost any mechanical device or additive – the test programme is specifically designed to suit your needs. The test protocols can also be peer reviewed by one of our independent experts, thus adding extra credibility to your findings.

## Examples of tests we can do:

- ◆ real time on-site testing of engine emissions including;
  - particulate matter
  - exhaust gas emission NOx (Oxides of nitrogen)
  - exhaust gas emission CO<sub>2</sub> (Carbon dioxide)
  - exhaust gas emission CO (Carbon monoxide)
  - exhaust gas emission HC (Hydrocarbon)

- ◆ lambda/air fuel ratio
- ◆ comparative power and torque output
- ◆ cylinder wall observations by bore scope
- ◆ combustion chamber dynamic pressure trends
- ◆ fuel system temperature trends
- ◆ exhaust gas temperature trends
- ◆ cold start trends
- ◆ RPM stability
  - load stability
  - oil analysis.

Please call Tony on the number below to discuss your needs and arrange your free quote today.

## Tony Devos

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