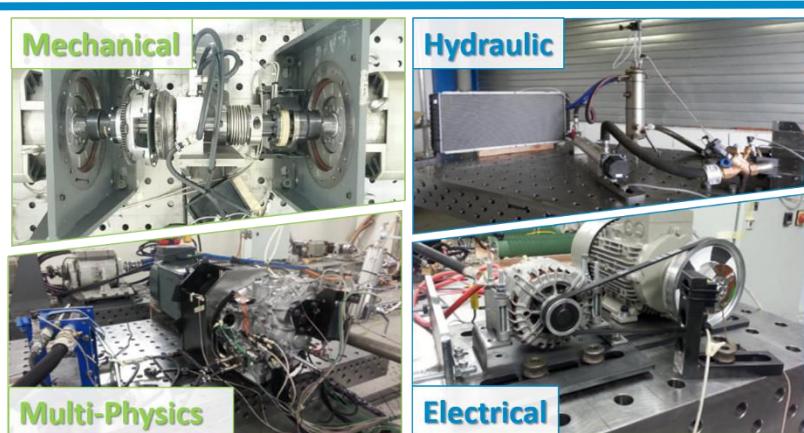


COMPONENT TEST BENCHES

↳ Measurements ↳ Endurance ↳ Fatigue ↳ Breaking ↳ Characterization

- Transmission test bench** : driveshaft, reducer, axles, clutch, vibration absorber, ...
- Component test bench** : starter, alternator, A/C compressor, water & oil pump, heat exchanger, ...
- Up to 380 kW – Max speed : 18 000 rpm / Max torque : 25 000 N.m**

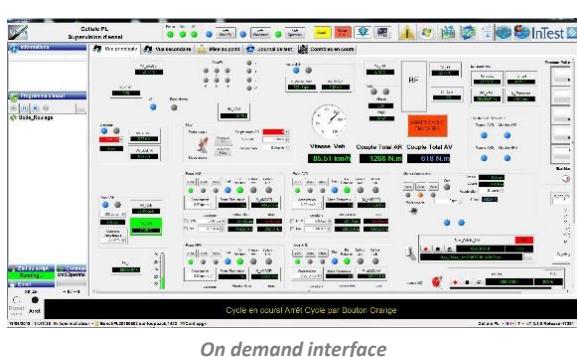
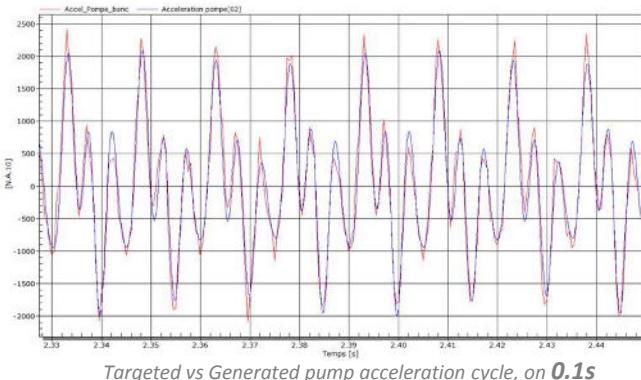


TEST BENCH MODULARITY

- ✓ **Mechanical** set up coolant
- ✓ **Fluids** circuits mock-up
- ✓ **Electrical** mapping
- ✓ **Multi-Physics** : combination of configuration

TEST CAPABILITY

- ✓ **Repeatability** on customer cycles
- ✓ **Torsional vibration**, torque peaks, Inertia compensation
- ✓ Specific **Automation Control** system (up to 2kHz)
 - ↳ High quantity of points by automatic sequences
 - ↳ High frequency transient simulation



On demand interface

TURN KEY TEST

- ✓ **Instrumentation** and fine tuning setup
- ✓ **Real time checks** and **test follow up**
- ✓ **Report** : Post processing, analysis, model dataset, simulation

Feel free to visit our website www.greenmot.com and [contact us](#) for further information.

Applications

Performance – Emission – Combined load & climatic - Automatic testing
Energy flow mapping– Engine mapping – Vehicle application – Traction control