

Road Load Data Service

- GETEC Getriebe Technik GmbH is an independent engineering service provider focusing on the powertrain development. GETEC combines transmission knowledge for MT, AMT, AT, DCT, CVT, Hybrid, EV from the scratch, CAE, CAD, software and calibration up to serial production.
- GETIT™ RLD – GETEC’s Road Load Data (RLD) Acquisition and Evaluation Tool - enables engineers to generate a lifetime damage representative CAE duty cycle, test bench test cycle and vehicle test program.



RLD Process

GETEC’s RLD services includes the following steps:

RLD Planning

- Target Setting
- Measurement Location & Content Planning
- Definition of required Measurement Signals
- “Driver” Planning

RLD Preparation

- Vehicle preparation
- Sensor Installation / CAN Decoding
- Vehicle Approval
- Logistics

RLD Execution

- Measurements on real road
- Measurements on test track
- Measurements in special environment or locations

RLD Evaluation

- Duty cycle development
- Test specification development

RLD Evaluation

The RLD Evaluation requires a deep understanding of the typical usage profiles and different tests the powertrain, transmission, system or component will “see” during lifetime. GETIT™ RLD will convert the time domain measurements into the duty cycle considering the related failure mechanism, damage transformation method and driver characteristic.

