

INTERTEK KJ TECH SERVICES

FLEET TESTING SERVICES AROUND THE WORLD

Specializing in vehicle, component, lubrication and fuel testing.

Through on-road fleet testing, data accumulation, analytical assessment, test method development, and industry benchmarking, we provide Total Quality Assurance to the automotive industry.



Location

KJ Tech Services GmbH (KJ Tech) - An Intertek Company, is strategically located in the center of the automotive industry in the Rhine-Main area and only 1,5 hours north of Stuttgart with quick access to motorway driving, mountain roads in the Taunus and Odenwald area, a wide range of close-by country roads and possible city driving in Darmstadt and Frankfurt. Today, the KJ Tech lab has around 100 employees including drivers, engineers, technicians and other testing specialists.

KJ Tech is part of the Intertek Transportation Technologies business line.

Lab Certifications

- DIN EN ISO 9001:2008,
- 14001:2015 + 45001:2016 + VDA 6.2

Local Contact Information

Kirschberg 20
64347 Griesheim, Germany
Tel.: +49 6155 6666 100
Facility Contact: Christine Schultheis

Primary Lab Capabilities

- Worldwide Vehicle Testing - Passenger Car and HD Truck
- Oil, Lubricant and Fuel Testing
- Engineering Services

About Intertek KJ Tech Services

KJ Tech Services GmbH - An Intertek Company, is a leading provider of global, full vehicle, on-road testing solutions offering assurance that vehicles, systems, and components meet quality, performance and/or regulatory standards, as well as consumer demands.

Intertek is uniquely positioned to provide a Total Quality Assurance service offering to its automotive clients globally with our KJ Tech's on-road testing services fully complimented by in-lab vehicle and component testing services to provide end-to-end peace of mind.

Intertek. Total Quality. Assured.

**+450 M.
Kilometer**

The number of test kilometers driven with HD trucks

**+1,000 p.a.
Oil Samples**

The number of oils samples KJ Tech handles annually

Vehicle Testing

Our range of services covers every process stage of a successful road test, regardless of whether the test is for a car or a lorry. Our services are available module-by-module and as a complete package.

For our complete service package, we handle every aspect of testing, including:

- Locating and transporting the vehicle(s)
- Outfitting and refitting vehicles to meet your specifications in our in-house workshop or temporary test centres
- Preparing and conducting the test procedures

We test all of your vehicle components – from lubricants and operating fluids to engines, navigation devices and electronic components to all of the interior elements and tyres. Our road testing services range from short distance testing to endurance trials. We can carry out test drives anywhere in the world, from public roads or proving grounds to racetracks or roller test benches.

Our services include:

- Total vehicle evaluation tests (quality)
- Durability tests (R&D)
- Propulsion tests (e.g. fuel economy test, alternative fuel (e.g. M15, E85), NGV (CNG or LNG))
- High voltage tests incl. training (e.g. hybrid, electric vehicles, fuel cell)
- Driving on demand – rig to road (time & speed based vs. road type based)
- ADAS projects (ACC distance control, lane-keeping assistant, pre-crash, etc.)
- Infotainment, connected car and multimedia testing
- PEMS application drive (AVL M.O.V.E Gas PEMS IS)
- Benchmark of components and systems
- Reverse engineering

Oil, Lubrication and Fuel Testing

Good lubrication is the key to good driving. In this day and age, testing oils and lubricants means more than just demonstrating that their wear and corrosion-related properties are on the level. Using state-of-the-art oils and lubricants can even decrease fuel consumption. How do we know? We test it!



Drawing an oil sample for testing

How does oil perform while in use? We run vehicles according to the manufacturers' specifications and regularly take oil samples. Lab tests show whether the oil has met specified properties. At the end of a test, we dismantle the engines, gearboxes, and/or axles. This shows us whether the oil was able to meet requirements in specific cases.

Fuel developers want their products tested in real-world conditions. For this purpose, our test facility has its own refueling station. This way, you can be sure that only the fuel being tested is used during the trials.

Our services include:

- Oil testing
- Fuel testing
- Coolant testing
- Finding matching test partners (regarding brand, model, mileage, severity factor)
- Monitoring of complete test
- Labelling of trucks
- Sampling / flusing (e.g. fuel, oil, coolant)
- Parts and vehicle recovery from the field
- Teardown, split of engine, EOT rating

Engineering

The engineering business area embodies our wealth of expertise in technical development. Our engineers and technicians provide you with the highest quality advice and assistance, where ideal solutions are always the outcome. We have extensive expertise in road testing, validation, aftermarket, powertrain, vehicle dynamics, thermodynamics, mechanical systems, oil, and additives.

Our services include:

- Measurement lay out & definition
- Installation and supply of data logging equipment
- Application-optimized usage
- Data processing, evaluation and storage
- Set-up of test benches
- Thermal analysis
- Thermodynamic behavior

FOR MORE INFORMATION

0800 5855888 /
+49 6155 6666 100

+49 6155 6666 155

kjtech@intertek.com

kjtech.com
intertek.com/automotive