For over 40 years, the name Roush has been synonymous with advanced powertrain development. Our scope has expanded, but our focus remains the same: a commitment to delivering incomparable reliability and power; to making cars go faster, look better, last longer and, above all else, outperform the competition.

Roush is an industry leader in providing automotive engineering and vehicle development services. Roush’s technologically advanced emissions laboratory is staffed with a highly experienced team and offers a full range of exhaust and evaporative emission testing for programs including R&D, certification, and In-Use vehicle testing. With over 18 development test sites, Roush Testing and Development services support a full range of automotive and power generation applications.

Our emissions laboratory demonstrates our steadfast commitment to providing our customers with comprehensive development support. Services include complete development testing, are EPA and ARB compliant, and surpass all CAP200 testing requirements with seamless access to Roush’s global engineering and development resources.

Testing Capabilities
- LEVII/TierII/LEVIII/TierIII
- EPA/CARB/EU/Japanese Certification Testing
- CARB Aftermarket EO–Tailpipe and Evaporative
- Gasoline/CNG/LPG/E85/M85
- Single Roll 48” Dynamometer (100 kg to 5500 kg)
- Horiba 7000 Series Quad Bench Analyzers (1 dilute and 3 raw analyzers)
- CVS sampling system
- Motorcycle (on-road and off-road) and All-Terrain Vehicle emissions testing
- SFTP testing
- Environmental Testing (0°-120°F) with Humidity Control
- Canister Loading Station
- GC Analysis of N2O
- PM Measurement
- Real-time emission development
- Catalyst efficiency, Modal, 1 Hz data analysis
- NMOG Sampling – Alcohols and Carbonyls
- Electric vehicle testing, including low-speed and “neighborhood” vehicles
  – All-Electric Range Test – Urban and Highway
  – Net Battery Usage Determination
- Evaporative Emissions
  – VV/VT SHED, LEVII Compliant
  – 2-Day/3-Day Evap Testing
  – Point Source Running Loss
  – ORVR Refueling Testing

Additional Services
- Mileage Accumulation
- Custom data acquisition
- On-site garage support
Roush’s Vehicle Emissions Laboratory is located in the center of Roush’s Livonia, Michigan campus, with efficient, convenient access to our extensive powertrain development facilities and technical experts.

Product Performance and Suitability:
All information regarding the use of Roush products identified in this datasheet is believed to be reliable by Roush, but are not product specifications and must only be used as a guide. Roush does not represent or warrant that its products are fit for a particular purpose or that they do not infringe any U.S. or foreign patents. Purchaser must independently determine the suitability of the Roush products for their particular application. Unless written otherwise in Roush’s Terms and Conditions of Sale for the product, this datasheet or any verbal statements made by any other distributor, salesman or representative about the product will not be deemed to create an express warranty of any kind.

For more information on Roush’s products and services, please visit our website at www.roush.com.