Effect of Engine Operating Condition and Coolant Temperature on EGR Cooler Deposit Microstructure and Chemical Composition

P-22

Bhaskar Prabhakar¹ and <u>André Boehman²</u>

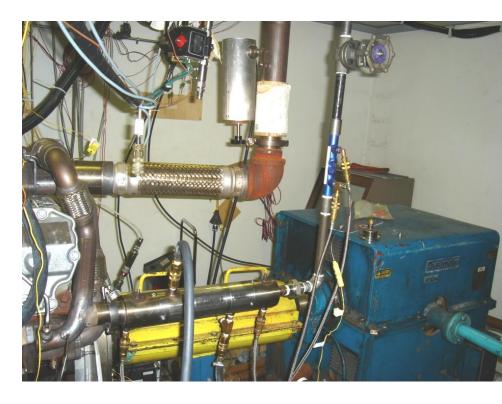
1: EMS Energy Institute, Department of EME, The Pennsylvania State University
2: Department of Mechanical Engineering, University of Michigan



Effect of Engine Operating Condition and Coolant Temperature on EGR Cooler Deposit Microstructure and Chemical Composition

Objectives

- Understand EGR cooler fouling mechanisms.
- Study the effect of engine operating conditions on EGR cooler deposit properties.
- Discuss duty-cycle based fouling reduction strategies.



Poster location: P-22