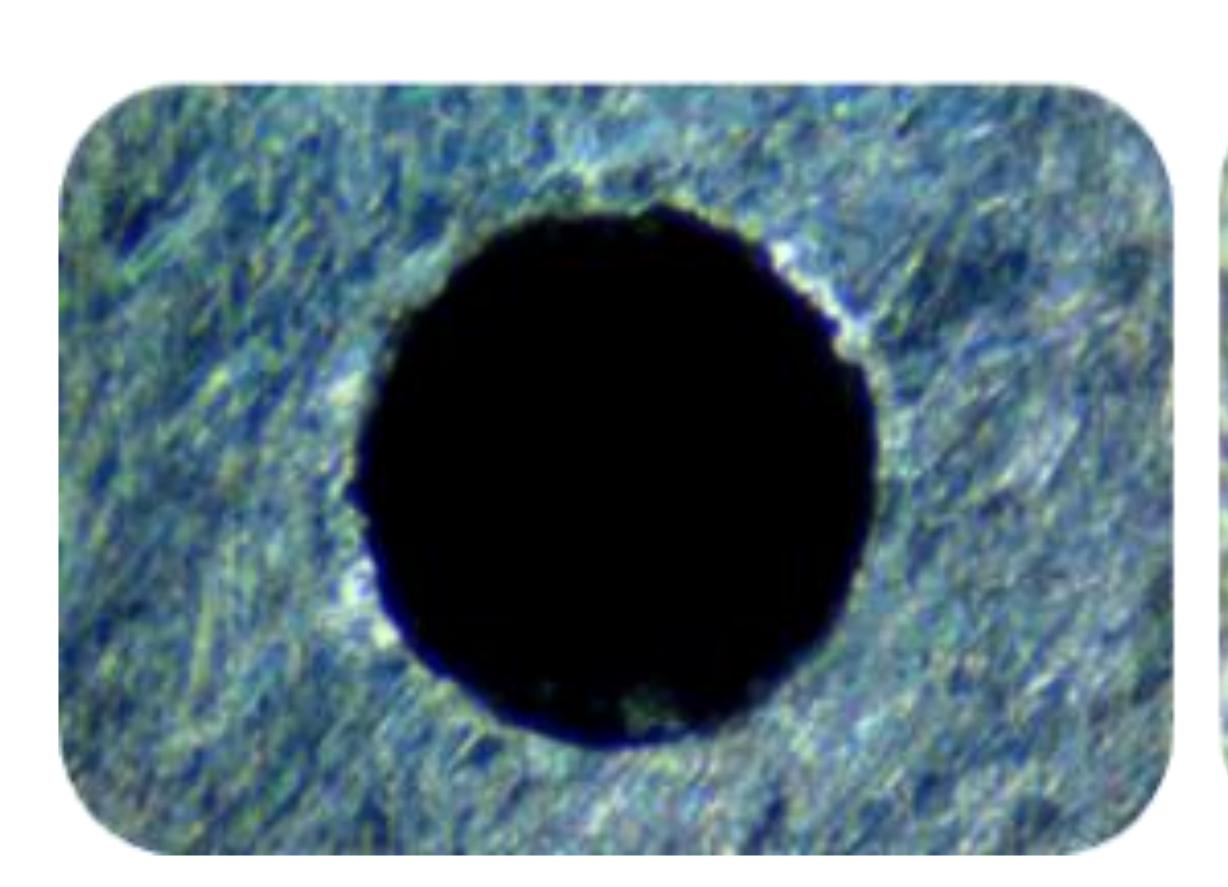
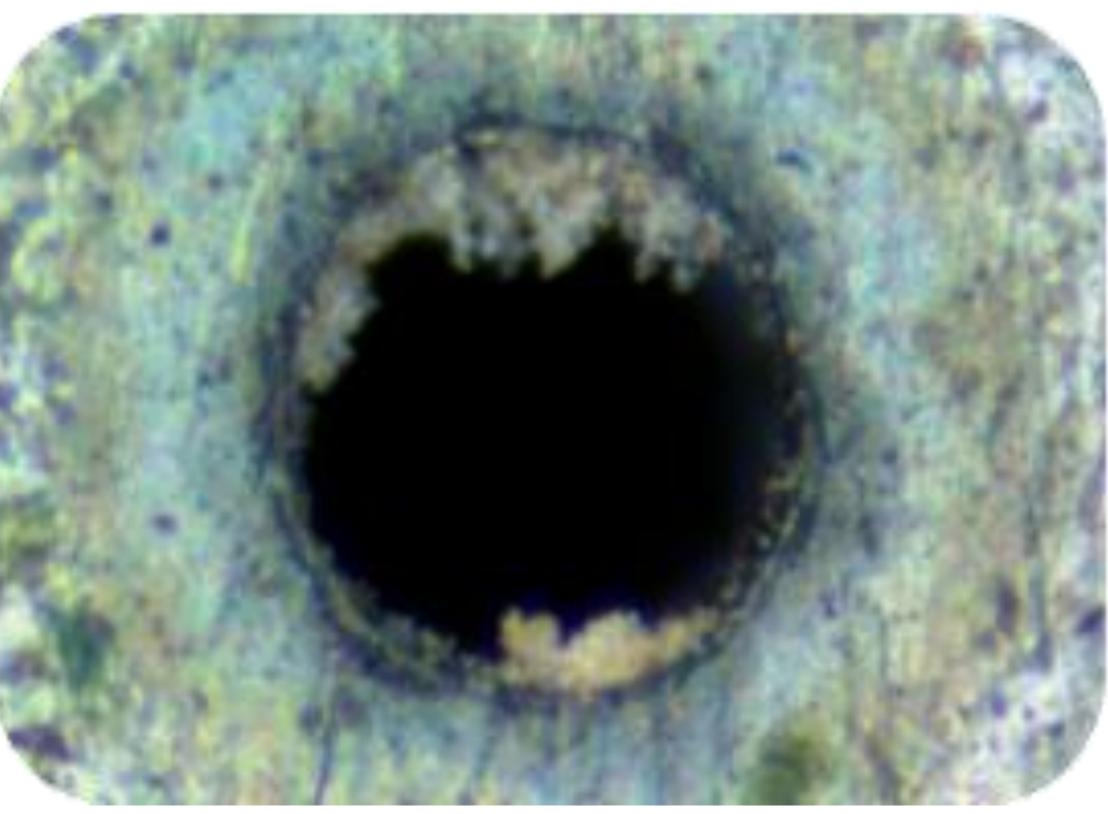
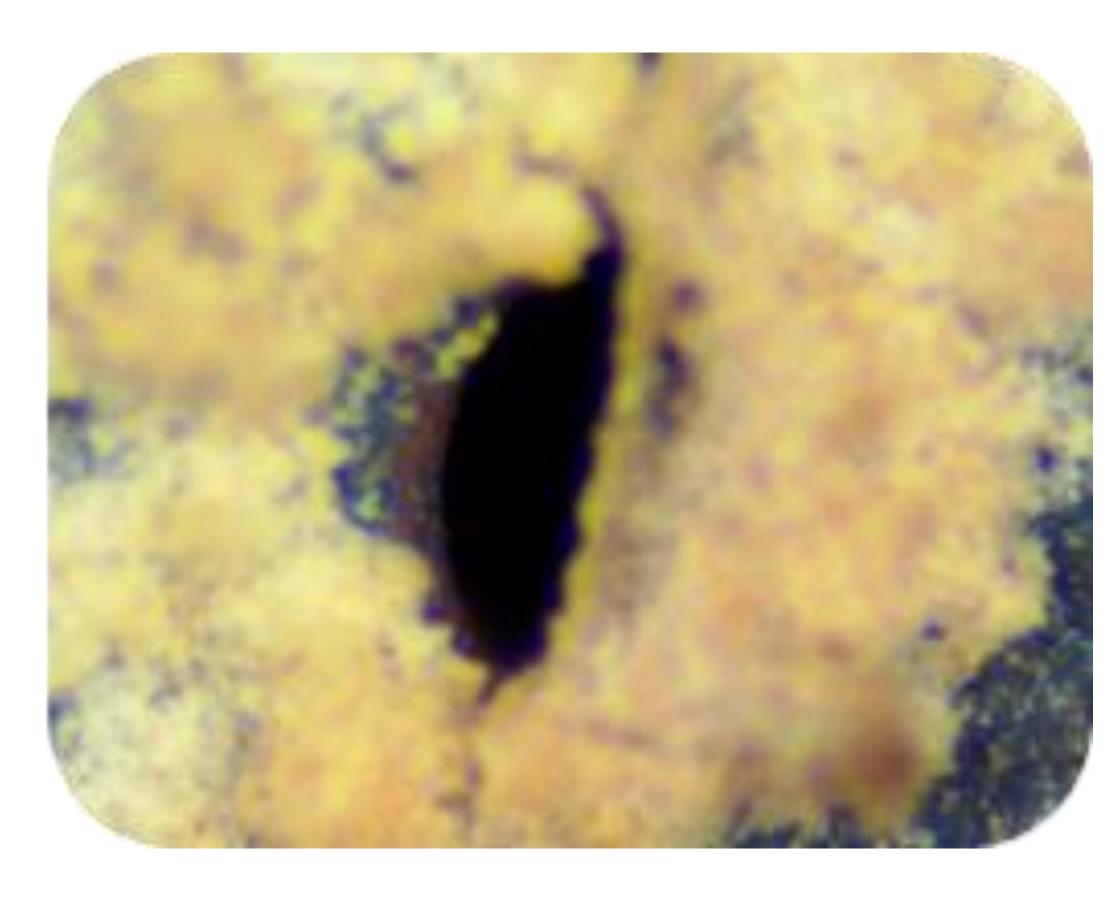
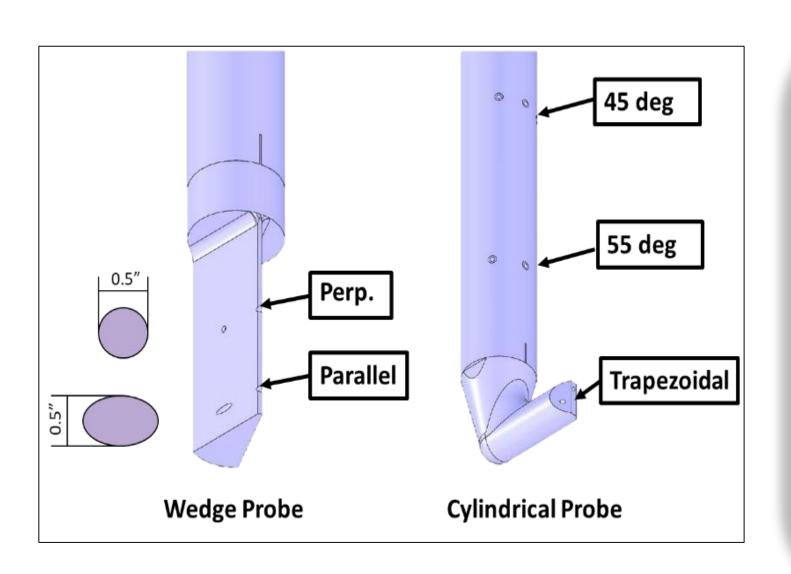


MEASUREMENT DRIFT IN 3-HOLE YAW PRESSURE PROBES FROM 5 MICRON SAND FOULING AT 1050° C



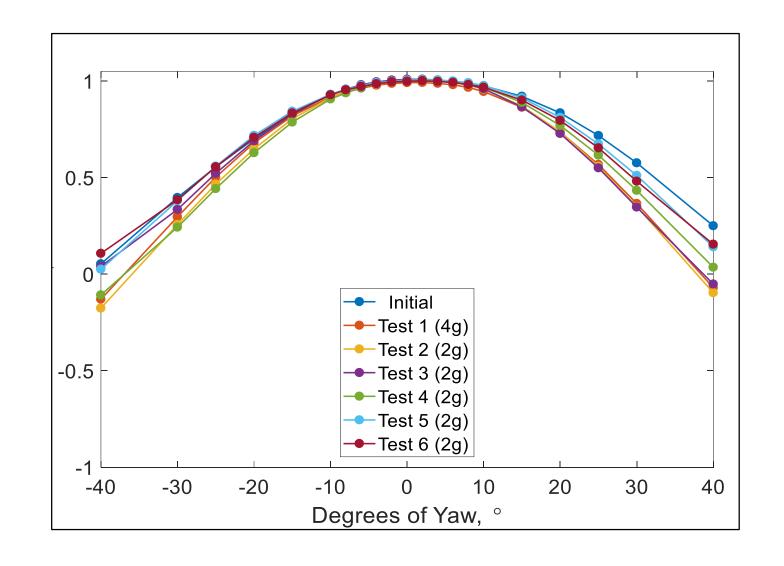






Virginia Tech and Rolls-Royce are investigating the measurement sensitivity of Wedge, Cylindrical, and Trapezoidal 3-hole yaw pressure probes in response to engine-realistic sand fouling.

Depicted: Stereomicroscope images of a probe hole showing the progression of sand fouling.





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