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**FALEX 400, A NEW JET FUEL THERMAL OXIDATION TESTER,
ASTM D 3241**

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This paper presents a new commercially available jet fuel thermal oxidation test instrument and test specimens, designed to run ASTM D 3241. The paper will show the improved functionality of the instrument over established instruments. It will also detail laboratory tests of the instrument and test specimens that show the new instrument produces equivalent results existing ASTM D3241 test instruments.

ASTM D3241 requires a strict conformance to critical test requirements (table 2) for the jet fuel industry for this critical test. The Falex 400 matches results to existing test instruments because Falex has dutifully included the critical equipment specification that controls the heater test section and the test conditions. Designed for years of long operation, the reliable Falex 400 provides traceability, long maintenance intervals and pour-and-go technology, where simply pour your sample into a beaker, push a button and D 3241 is run.

From the world's oldest leading supplier of Standard Tribology Test Specimens comes the NEW Falex Heater Tube. These tubes are about to go through the extremely rigorous trials that ASTM Subcommittee D.02.J0 mandates before allowing equivalency and these trials will be discussed during the presentation. Each tube will meet the exacting requirements of ASTM D3241 giving you the maximum assurance and peace-of-mind that you need when dealing with aviation jet fuels.