

PERFORMANCE TESTS

ASTM D6894

This is the standard test method for evaluation of aeration resistance of engine oils in direct-injected, turbocharged automotive diesel engines.

SCOPE

This 20-hour test, using an International truck, 7.3-liter engine running at 3000 rpm and wide-open throttle, evaluates engine oil's resistance to aeration. It is commonly referred to as the Engine Oil Aeration Test (EOAT). This test method was developed as a replacement for Test Method D 892 after it was determined that this bench test did not correlate with oil aeration in actual service. The EOAT was first included in API Service Category CG-4 in 1995.

KEY CURRENT ACTIVITIES

There will be further discussion and resolution in ILSAC/Oil.