

Progress in Developing ISO Laboratory and On-Engine Crankcase Ventilation Filter Test Standards

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ISO PWI 20564-1 & -2, which deals with crankcase ventilation filtration for engines, has been in development for several years. Many diverse ideas and recommendations have been brought forward. The committee has used these to create into a functional draft test standard that will help standardize Crankcase Ventilation testing around the globe.

To develop a standard, one must first understand the goals of the customer. This paper discusses the relationship between the new proposed ISO PWI 20564-1 (laboratory) particle size distribution and the basics of engine blow-by particle size distributions that were measured from a wide range of diesel engines. This paper will discuss the proposed methods for testing the Crankcase Ventilation products under laboratory conditions and on operating engines.