



Designation: D 6447 – 9903

An American National Standard

Standard Test Method for Hydroperoxide Number of Aviation Turbine Fuels by Voltammetric Analysis¹

This standard is issued under the fixed designation D 6447; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope*

1.1 The test method covers the determination of the hydroperoxide content of aviation turbine fuels. The test method may also be applicable to the determination of the hydroperoxide content of any water-insoluble, organic fluid, particularly diesel fuels, gasolines, and kerosenes. ~~The precision of the test method has not yet been determined. kerosenes.~~

1.2 The values stated in SI units are to be regarded as the standard.

1.3 *This standard does not purport to address all the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to consult and establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.* For specific precautionary warning statements, see 6.3, 6.4, 6.5, 6.3-6.5, Annex A1, and Annex A1 A2.

¹ This test method is under the jurisdiction of ASTM Committee ~~D-2~~ D02 on Petroleum Products and Lubricants and is the direct responsibility of Subcommittee ~~D02.05-06~~ D02.05 on ~~Color Properties of Fuels, Petroleum Coke and Reactivity~~ Color Properties of Fuels, Petroleum Coke and Reactivity. Carbon Material.

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*A Summary of Changes section appears at the end of this standard.