



Designation: D 1500 – 9802

An American National Standard

Designation: 196/97

Standard Test Method for ASTM Color of Petroleum Products (ASTM Color Scale)¹

This standard is issued under the fixed designation D 1500; 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. ~~This is also a standard of the Institute of Petroleum issued under the fixed designation IP 196. The final number indicates the year of last revision.~~

~~This test method was adopted as a joint ASTM-IP standard in 1966; reapproval.~~

~~This standard has been approved for use by agencies of the Department of Defense.~~

1. Scope

1.1 This test method covers the visual determination of the color of a wide variety of petroleum products such as lubricating oils, heating oils, diesel fuel oils, and petroleum waxes.

NOTE 1—Test Method D 156 is applicable to refined products that have an ASTM color lighter than 0.5. IP Method 17 includes a procedure for measuring the color of undyed, refined products such as gasoline, white spirit, and kerosene by comparison with a series of IP Standard glasses. It also includes a procedure by which petroleum products, except black oils and bitumens, may be measured for tint and depth of color in terms of Lovibond units by a series of red, yellow, and blue glasses.

1.2 This test method reports results specific to the test method and recorded as “ASTM Color.”

1.3 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.* ~~For a specific hazard statement, see Note 2.~~

2. Referenced Documents

2.1 ASTM Standards:

D 155 Test Method for Color of Lubricating Oil and Petrolatum by Means of ASTM Union Colorimeter²

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, Color and Reactivity Color and Reactivity.

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~~This is also a standard of Fuels, the Institute of Petroleum-Coke, and Oil Shale; issued under the fixed designation IP 196. The final number indicates the year of last revision. This test method was adopted as a joint ASTM-IP standard in 1966. In the IP, this test method is under the jurisdiction of the Standardization Committee.~~

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