

ASTM COLOR OF PETROLEUM PRODUCTS

Test Method

The ASTM color of petroleum products applies to products having an ASTM color of 0.5 or darker, including lubricating oils, heating oils and diesel fuel oils. (For products having an ASTM color lighter than 0.5, use the Saybolt Chromometer.) To determine ASTM color, the sample is compared against standard color discs in the Petroleum Colorimeter.

Petroleum Colorimeter

- Conforms to ASTM D1500 specifications

Single scale, 3-field petroleum comparator designed for visual color grading by direct comparison between the sample and colored glass filters housed in test discs conforming to the chromaticity coordinates of ASTM D1500. The sample and two consecutive glasses on the color scale are viewed simultaneously, making it easier to achieve the optimum color match. For rapid color grading within predetermined color limits, the glass standards can be set to the two limiting colors so that it is easy to check that the sample is within tolerance. The tungsten halogen light source is color corrected to CIE Standard Illuminant C, giving constant lighting conditions for color grading, regardless of ambient lighting. A prism brings the three fields together to aid color grading.

Specifications

Conforms to the specifications of:

ASTM D1500, D6074; IP 196; ISO 2049; FTM 791-102

Electrical Requirements: **CE**

115V 60Hz

220-240V 50/60Hz

Included Accessories

Glass Color Discs (2) Sample Container (3) Calibration Certificate

Dimensions dxwxh,in.(cm)

10.5x9x5 (25x27x18)

Net Weight: 3.5 lbs (1.6kg)

Shipping Information

Shipping Weight: 5.5 lbs (2.5kg)

Dimensions: 2.5 Cu. ft.



*K13200 Petroleum Colorimeter with
K13210 Sample Containers (3 Included)*

Ordering Information

Catalog No.		Order Qty
K13200	Petroleum Colorimeter, 115V 60Hz	1
K13290	Petroleum Colorimeter, 220-240V 50/60Hz	
Accessories		
K13210	Sample Container	
K13223	Replacement Tungsten Halogen Lamp, 12V 20W	

VISUAL EXAMINATION OF USED ELECTRICAL INSULATING OILS

Visual Examination of Used Electrical Insulating Oils of Petroleum Origin in the Field

Test Method

Provides an estimate of the color and condition of in-service oils by visual observation and comparison with ASTM color standards in an oil comparator.

Oil Comparator

- Conforms to ASTM D1524 specifications
- Yields results equivalent to ASTM D1500

Complete ASTM oil color test outfit for comparison of oils against ASTM color standards. Includes two color discs, ranging from 0.5 to 5.0 in 10 steps and 5.0 to 8.0 in 7 steps. Magnifying prism brings the sample and standard color fields together for side by side comparison. Portable unit is suitable for laboratory or field use. Supplied with two precision 33mm rectangular glass cells, carrying case and instructions.

Shipping Information

Shipping Weight: 10 lbs (4.5kg)

Dimensions: 1 Cu. ft.

Ordering Information

Catalog No.		Order Qty
K13203	Oil Comparator	1
Accessories		
K13204	Daylight Illuminator, 115V Provides uniform lighting for Oil Comparator	1
K13294	Daylight Illuminator, 220-240V	
K13205	Rectangular Glass Cell	