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CCS E 34

NBSH

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

NBSH/T 0656-2017

Replacing SH/T 0656-1998

**Standard test methods for instrumental determination of
carbon, hydrogen, and nitrogen in petroleum products and
lubricants**

石油产品及润滑剂中碳、氢、氮的测定 元素分析仪法

(English Translation)

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What this standard covers

This standard specifies analytical methods for the determination of total carbon, total hydrogen and total nitrogen in petroleum products and lubricants using elemental analyzers. The method A, Method B, Method c and Method D are included. This standard applies to the determination of carbon, hydrogen and nitrogen in samples of crude oil, fuel oil, additives and residual oil. This standard does not apply to the determination of light oil and/or nitrogen content of less than 0.75%, such as: gasoline, jet fuel, naphtha, diesel or chemical solvents; this standard does not apply to volatile oils. Determination of, for example, gasoline, blended gasoline with oxygenates or aviation turbine fuels of the gasoline type. The quality fraction of this standard is: carbon content of 75% to 87%, hydrogen content of 9% to 16%, and nitrogen content of 0.1% to 2%. Method D minimum detectable lubricant

Document data

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Standards quoted by this document

GB/T 4756; GB/T 27867; NB/SH/T 0843