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CCS E 30

SH

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

SH/T 0793-2007

**Standard test method for aromatic carbon contents of
hydrocarbon oils by high resolution nuclear magnetic
resonance spectroscopy**

烃类油品中芳碳含量测定法(高分辨核磁共振法)
(English Translation)

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What this standard covers

This standard specifies the use of high-resolution NMR spectrometer aromatic hydrogen content in oil aromatic carbon content approach. N samples include kerosene, heavy distillate oil, mineral oil, lubricating oil, coal derived liquids and other completely soluble at room temperature in chloroform fractions. For pulsed Fourier transform spectrometer, the detection limit is usually 0. 1% (mole fraction) of the aromatic carbon atoms. Of the continuous wave spectrometer, it is only suitable for measuring aromatic hydrogen atom, the detection limit is relatively high, generally 0. 5% (mole fraction) of the aromatic hydrogen atoms.

Document data

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Standards quoted by this document

GB/T 4756; SH/T 0729; ASTM E386