

ICS 75.080
CCS E 30



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

GB/T 8021-2003

Replacing GB/T 8021-1987

Petroleum products -- Determination of saponification number

石油产品皂化值测定法

(English Translation)

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What this standard covers

This standard applies to: Determination of petroleum products under the test conditions (such as lubricants, additives, transmission fluid, etc.) can be saponification component content. This standard includes two assays: Method A-color indicator method (Chapter I, paragraph 11 Chapter 6) and B-potentiometric titration method (Chapter 12 Chapter 19). As some added petroleum products sulfur, phosphorus, and other elements of halogen compounds compounds can also be consumed acid or base, therefore, measurement result depends on oil in addition to the existing saponifiable components outside, also affected by the outside world factors influence. Containing these compounds Petroleum products and used engine oil, crankcase oil and turbine oil Determination of saponification value to influence the result of external factors elaborate. This standard is only related to certain and testing process special hazard be described, rather not mention all security issues. Therefore, user before using this standard to establish appropriate safety and protection measures, and to develop appropriate management system.

Document data

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Standards quoted by this document

GB/T 4756; GB/T 6682; SH 0005