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CCS F 24

DL

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

DL/T 1599-2016

**Determination of phenolic and amine antioxidant content in
transformer oil or turbine oil by linear sweep voltammetry
(English Translation)**

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What this standard covers

This standard specifies the use of voltammetric linear scanning method for the determination of phenolic and amine antioxidant content in turbine oils and transformer oils. This standard is applicable to the determination of the content of phenolic and amine antioxidants in unused or used turbine oil and transformer oil. The determination of the content of phenolic and amine antioxidants in other oils can also be carried out according to this standard. The detection limit of the standard phenolic antioxidant is 0.03% and the determination limit is 0.1%. The detection limit of the standard amine antioxidant is 0.04% and the determination limit is 0.13%.

Document data

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Standards quoted by this document

GB/T 6682; GB/T 7597; GB/T 7602.1; ASTM D6971; ASTM D6810