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Method Abstract #45

Total Base Number by Perchloric Acid Titration

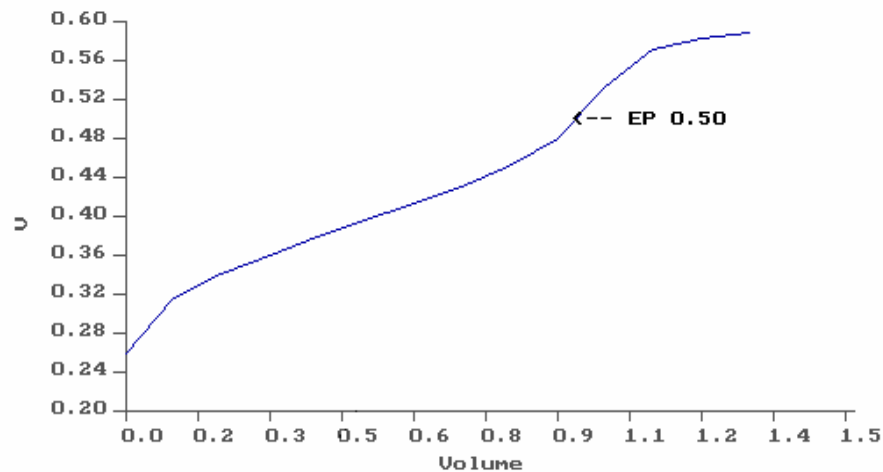
Scope and Application

This method conforms to ASTM D 2896. It measures the quantity of basic components in an oil sample. It can be considered as a measure of the alkalinity of the oil, or of the oil's ability to neutralize acids produced during combustion.

Method Summary

This test measures the concentration of basic constituents in petroleum products by titration with perchloric acid in glacial acetic acid.

Sample Titration Curve



Method Performance

Measuring Range = 6 – 70mg KOH/g