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## **Petroleum products — Calculation of cetane index of middle-distillate fuels by the four variable equation**

*Produits pétroliers — Calcul de l'indice de cétane des distillats moyens par équation à quatre variables*



Reference number  
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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 28, *Petroleum products and lubricants*.

This third edition cancels and replaces the second edition (ISO 4264:2007), which has been technically revised.

The main changes from the previous edition are as follows:

- this edition includes a statement on the existence of sample specific bias;
- the second procedure to establish the cetane index using nomography is moved into an informative annex;
- ISO 3924 is added as an alternative to test method ISO 3405.