

INTERNATIONAL STANDARD

ISO
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First edition
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Petroleum measurement tables —

Part 2:

Tables based on a reference temperature of
20 °C

Tables de mesurage du pétrole —

Partie 2: Tables basées sur la température de référence de 20 °C



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 91-2 was prepared by Technical Committee ISO/TC 28, *Petroleum products and lubricants*.

This first edition cancels and replaces ISO/R 91:1970/Add.1:1975, of which it constitutes a technical revision.

ISO 91 consists of the following parts, under the general title *Petroleum measurement tables*:

- *Part 1: Tables based on reference temperatures of 15 °C and 60 degrees F*
- *Part 2: Tables based on a reference temperature of 20 °C*

Annex A of this part of ISO 91 is for information only.

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Introduction

The tables reproduced in ISO/R 91:1970/Addendum 1:1975 were developed for the reference temperature of 20 °C using data prepared for the reference temperatures of 15 °C and 60 °F in 1916 and 1942. The revised tables for these latter temperatures were prepared by the American Petroleum Institute following the development of a new data base by the National Bureau of Standards (USA) and adopted in ISO 91-1:1982. Tables have not been prepared for the reference temperature of 20 °C from this new data base, but computer implementation procedures have been prepared from these data in the UK by the Institute of Petroleum and were published in October 1988. These implementation procedures were prepared as standard procedures to enable users to produce their own computer programmes either for the generation of 20 °C tables or for use in calculations without the generation of tables.