

ICS 21.260
CCS F01



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

GB/T 13608-2009

Replacing GB/T 13608-1992

General principle for rational lubrication technology

合理润滑技术通则

Issued on: October 30, 2009

Implemented on: May 1, 2010

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

This standard replaces GB/T 13608-1992 "General reasonable lubrication technology." This standard compared with GB/T 13608-1992 main changes are.

- Delete the original standard "4.1.2, 4.1.3" requirements for energy-related indicators;
- Delete the original standard "4.2" in the technical requirements for the lubricant product supply;
- Delete the original standard of "reasonable economic 5 lubrication technology computing" content;
- Increasing the safety, environmental protection and health content;
- Increased the intensity of the lubricant product specifications;
- Increased content lubrication management. The Standard Appendix A, Appendix B and Appendix C are normative appendix. This standard by the National Standardization Technical Committee for Energy and management proposed. This standard by the National Standardization Technical Committee for Energy and Management. This standard drafting units. China National Institute of Standardization, China Petroleum and Chemical Corporation. The main drafters of this standard. Liwan Ying, Jia Tieying, Hu Gang, Chen Dan. This standard replaces the standards previously issued as follows:
- GB/T 13608-1992. General reasonable lubrication technology

1 Scope

GB/T 13608-2009 is the Chinese national standard on general principle for rational lubrication technology, in the field of mechanical systems and components. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 30 October 2009 by the General

Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 May 2010. Classification: ICS 21.260, CCS F01. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the terms and definitions lubrication reasonable, rational design of lubrication, a lubricant supply, lubricant and lubricant scrap Recycling and other technical requirements. This standard applies to the design and manufacturing need to be given and the use and management of lubrication equipment; production of lubricants; lubricant use Management; lubricant scrap processing and recycling.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard. Normative references used in this standard, see Appendix A, Appendix B and Appendix C.

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 For reliable operation, improved equipment performance, reduce power consumption friction, temperature and wear and reduce the consumption of lubricants, lubrication equipment Design, operations of the lubrication system, and lubricant condition monitoring of variety, performance and other technical and management measures taken.

3.2 Compliance with technical requirements and reasonable lubrication equipment lubrication system design and implementation of rational lubrication technology related design.

3.3 A combination of friction, lubrication and lubricants and other auxiliary devices to implement lubricating system.

4 Reasonable lubrication design requirements

4.1 Where the required lubrication equipment, lubrication related products should be designed to meet the equipment requirements for a variety of operating conditions.

4.2 should be technologically advanced, reliable lubrication system and lubrication system.

4.3 should be prepared equipment lubrication system manual.

a) equipment lubrication system specification includes. the design parameters of the lubrication system and device type of lubricant and the implementation of standards, lubricant consumption Consumption quotas necessary lubrication chart and lubricants performance indicators allowable value and replacement recommendations;

b) manual of the equipment should be attached to the lubrication system manual.

4.4 Lubrication design should follow a general principle, the use of national priorities, existing lubricant products industry standards, should not be used to set aside Run Lubricant product standards.

5 Lubricant product supply technical requirements

A classification principles specified in the standard 5.1-lubricant Categories shall be appendix. Appendix A classification of product types not covered should root According to product type and application state at time of classification.