Lubrication systems – instructions for selecting and procuring systems

Information inside square brackets ([...]) in this document refers to local regulations.

Scope

This standard is intended to serve as a guideline for the selection and procurement of lubrication systems. The aim is to provide the user with a safe lubrication system that offers high availability and low maintenance costs.

SSG 3400E provides technical provisions that are to be fulfilled by the lubrication system regarding function, safety, reliability, the environment, energy efficiency and documentation. The standard covers both consuming and circulating systems.

The Purchaser's technical prerequisites for the delivery, to be used in the case of quotation requests and the procurement of lubrication systems, are stated in Appendix 1 – "Lubrication system - technical specifications".

Variants or choices of lubricants are not covered in this standard.

Changes since the previous edition

This edition differs from the previous edition in that:

- Terminology such as "the Purchaser's own standard" and "plant standard" has been standardised as "the Purchaser's local guidelines".
- Texts have been consolidated to better harmonise with the intended object or stage of procurements.
- Superseded standards and national references have been replaced by current editions.
- Dimensioning for piping and clamps has been updated.
- Requirements have been introduced for cleaning pipes and filling with grease during installation.
- New section on fluorocarbon rubber seals has been added.
- The previous section 1.6.1.1, which included a requirement for a return pipe, has been moved to a new chapter, 3.2.
- Requirements for efficiency classes for engines have been added.
- Requirements for control signals shall now follow the Purchaser's local guidelines.
- A new chapter on lubricators has been added.
- Standards on labelling and complementary pipeline standards have been added.

Contents

1 Related documents

- See the country specific National Electrical Safety Board regarding legislation and regulations that apply to a specific electrical regulatory area. For Sweden, see the National Electrical Safety Board, **www.elsakerhetsverket.se**.
- Commission Regulation (EU) 2019/1781 laying down ecodesign requirements for electric motors and variable speed drives.