International Standard

ISO 12843

Plain bearings — Reuse, recycling and disposal of plain bearing materials

Paliers lisses — Réutilisation, recyclage et entreposage des matériaux pour les paliers lisses

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Foreword

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This document was prepared by Technical Committee ISO/TC 123, *Plain bearings*, Subcommittee SC 6, *Terms and common items*.

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Introduction

The recycling, reuse and extension of life of plain bearings play an important role not only as an economic advantage, but also as an effective way to utilize material resources.

Furthermore, when disposing of plain bearings after use, there is concern about the environmental impact by the bearing material components.

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Plain bearings — Reuse, recycling and disposal of plain bearing materials

1 Scope

This document specifies how to effectively utilize material resources when recycling and reusing plain bearing materials. This document also specifies how to reduce the environmental impact of disposing of plain bearings.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

3.1
reuse
use of a used plain bearing again for the same purpose

3.2
repair
fix of a used plain bearing that is damaged or no longer functions, to use it again for the same purpose

3.3
recover
make a used plain bearing recyclable as raw materials

3.4
recycle
use of a used plain bearing as raw material for plain bearings or any other product

3.5
dispose
discarding of a used plain bearing as waste that can neither be *reused* (3.1) nor *recycled* (3.4)

4 Treatment of used plain bearings

Figure 1 shows the treatment of used plain bearings.

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