DIN EN 12081:2011-01 (E)

Railway applications - Axleboxes - Lubricating greases (includes Amendment A1:2010)

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 6

4 Restriction of greases 7

5 Information and requirements to be agreed and documented 7
5.1 General 7
5.2 Information to be provided by customer 7
5.3 Information to be provided by supplier 7
5.4 Requirements for agreement 7

6 Quality systems 8

7 Approval 8

8 Bearing speed classes 8

9 Production 8
9.1 General 8
9.2 Manufacturing procedure 8
9.3 Batches 9
9.4 Traceability 9

10 Delivery 9
10.1 Packing 9
10.2 Marking 9

11 Storage 9

Annex A (normative) **Mandatory approval tests** 10

Annex B (informative) **Conditional approval tests** 11

Annex C (normative) **Approval procedures** 12
C.1 General 12
C.2 Complete procedure, Type C 12
C.3 Reduced procedure, Type R 13

Annex ZA (informative) **〈A1〉 Relationship between this European Standard and the Essential Requirements of EU Directive 2008/57/EC of the European Parliament and of the Council of 17 June 2008 on the interoperability of the rail system within the Community (Recast) 〈A1〉** 14

Bibliography 16