

DIN EN 12081:2017-11 (E)

Railway applications - Axleboxes - Lubricating greases

Contents		Page
European foreword		3
Introduction		4
1 Scope		5
2 Normative references		5
3 Terms and definitions		6
4 Restriction of greases		7
5 Technical specification		7
5.1 General		7
5.2 Technical specification content		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 Quality batch control		9
9.4 Traceability		9
10 Delivery		9
10.1 Packaging		9
10.2 Marking		9
11 Storage		10
Annex A (normative) Approval procedures		11
A.1 General		11
A.2 Complete procedure, Type C		11
A.3 Reduced procedure, Type R		12
Annex B (normative) Approval tests		13
Annex C (informative) Mechanical stability of rolling bearing greases under vibration stress		15
C.1 General		15
C.2 Description		15
C.3 Test procedure		15
C.4 Requirements		15
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2008/57/EC aimed to be covered		17
Bibliography		19