

DIN 51810-2:2017-04 (E)

Testing of lubricants - Testing rheological properties of lubricating greases - Part 2: Determination of flow point using an oscillatory rheometer with a parallel-plate measuring system

Contents

	Page
Foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Symbols	5
5 Principle	6
6 Equipment	6
6.1 Oscillatory rheometer	6
6.2 Parallel plate measuring system	6
6.3 Temperature control unit	6
6.4 Time measurement	6
7 Reagents	6
8 Sampling	6
9 Preparation	7
9.1 Cleaning of the measuring system	7
9.2 Sampling of lubricating greases	7
10 Procedure	7
10.1 Filling of the parallel plate measuring system and setting of the measuring gap	7
10.2 Temperature control	8
10.3 Measurement	8
11 Evaluation	8
12 Expression of results	10
13 Precision	11
13.1 General	11
13.2 Repeatability, r	11
13.3 Reproducibility, R	11
14 Test report	11
Bibliography	12