ISO 23369:2022-12 (E)

Hydraulic fluid power - Multi-pass method of evaluating filtration performance of a filter element under cyclic flow conditions

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Symbols 4

5 General procedure 5

6 Test equipment 5

7 Measurement accuracy and test condition variation 7

8 Filter performance test circuit validation procedures 8
8.1 General 8
8.2 Filter test system validation 8
8.3 Contaminant injection system validation 9

9 Summary of information required prior to testing a filter element 9

10 Preliminary test preparation 10
10.1 Test filter assembly 10
10.2 Contaminant injection system 10
10.3 Filter test system 11

11 Filter performance test 12

12 Calculations 14

13 Data presentation 17

14 Identification statement (reference to this document) 18

Annex A (normative) Base test fluid properties 19

Annex B (informative) Test system design guide 21

Annex C (informative) Example report, calculations and graphs 26

Bibliography 35