

ISO 16889:2008-06 (E)

Hydraulic fluid power - Filters - Multi-pass method for evaluating filtration performance of a filter element

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Symbols	3
5	General procedures	5
6	Test equipment	5
7	Measuring instrument accuracy and test condition variations	6
8	Filter performance test circuit validation procedures	7
8.1	Filter test system validation	7
8.2	Validation of contaminant injection system	8
9	Summary of information required prior to testing	9
10	Preliminary preparation	9
10.1	Test filter assembly	9
10.2	Contaminant injection system	10
10.3	Filter test system	11
11	Filter performance test	12
12	Calculations	13
13	Data presentation	15
14	Identification statement (reference to this International Standard)	16
Annex A (normative) Base test-fluid properties		19
Annex B (informative) Test system design guide		21
Annex C (informative) Examples of report calculations and graphs		26
Annex D (informative) Summary of data from the round robin test programme conducted to verify the procedure in this International Standard		34
Bibliography		41