

ISO 16232-4:2007-06 (E)

Road vehicles - Cleanliness of components of fluid circuits - Part 4: Method of extraction of contaminants by ultrasonic techniques

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Principle	2
5 Equipment	2
5.1 General	2
5.2 Test liquid	2
5.3 Test component container	2
5.4 Ultrasonic equipment	3
5.5 Pressure rinsing liquid dispenser	3
5.6 Vacuum suction system	3
5.7 Collection equipment	3
5.8 Sampling containers	3
5.9 Environmental conditions	4
5.10 Health and safety	4
6 Procedure	4
6.1 Handling and storage	4
6.2 Extraction procedure set-up and validation	4
6.3 Blank test	7
6.4 Component routine test	9
7 Analysis of the extraction liquid	9
8 Presentation of results	10
Annex A (informative) Set up using ultrasonic techniques	11
Annex B (informative) Synopsis of extraction procedure set up and validation	13
Annex C (informative) Example of data sheet for the extraction procedure by ultrasonic techniques	14
Annex D (informative) Synopsis of the routine test procedure	17
Bibliography	18