ISO 16232-9:2007-06 (E)

Road vehicles - Cleanliness of components of fluid circuits - Part 9: Particle sizing and counting by auto matic light extinction particle counter

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Principle 2

5 Equipment 3
5.1 General 3
5.2 Liquids 3
5.3 Sample containers 3
5.4 Additional equipment 4
5.5 Analysis equipment 4
5.6 Environment conditions and precautions 5
5.7 Health and Safety 6

6 Calibration and verification 6
6.1 Verification 6
6.2 Calibration 6

7 Procedure 6
7.1 Summary of the procedure 6
7.2 Validation 7
7.3 Conditioning of the analysis set-up 7
7.4 Blank check of the analysis set-up 7
7.5 Preparation of the extraction sample 8
7.6 Sample analysis 9

8 Results 10
8.1 Calculations 10
8.2 Expression of results 10

Annex A (informative) APC analysis 11

Annex B (informative) Summary of the analysis procedure 12

Annex C (informative) Example of configuration - Sampling apparatus 13

Annex D (informative) Supplementary procedures 14

Annex E (informative) Example of standard analysis data sheet particle sizing and counting in liquid samples by automatic light extinction particle counter 16

Bibliography 18