

ISO/TS 17536-2:2017-10 (E)

Road vehicles - Aerosol separator performance test for internal combustion engines - Part 2: Laboratory test method

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Measurement accuracy	1
5	Test materials and test conditions	2
5.1	Test oil	2
5.2	Absolute filter, wall flow trap and leakage	2
5.3	Standard conditions	2
5.4	Test temperature	2
5.4.1	Efficiency tests	2
5.4.2	Differential pressure, pressure loss and crankcase pressure control tests	2
6	Test procedure	2
6.1	General	2
6.2	Test equipment	2
6.3	Pressure loss test	4
6.4	Gravimetric efficiency test	4
6.5	Conditioning of the separation device before a conditioned gravimetric efficiency test	6
6.6	Conditioned gravimetric efficiency test	6
6.7	Crankcase pressure control test	7
6.8	Drain interval test	7
	Annex A (informative) Inlet geometry for equal oil flow challenge	10
	Annex B (normative) Aerosol distribution by mass	11
	Annex C (informative) Aerosol separator laboratory gravimetric test report	13
	Annex D (normative) Test equipment	18
	Annex E (normative) Differential pressure and pressure loss corrections to standard conditions	22
	Bibliography	24