

Agricultural tractors - Test procedures - Part 1: Power tests for power take-off

Contents	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Measurement units and tolerances	1
5 General requirements	2
5.1 Selection	2
5.2 Running-in and preliminary adjustments	2
5.3 Manufacturer's instructions	2
5.4 Repairs	2
5.5 Preliminary information	2
5.6 Fuels and lubricants	3
5.6.1 Selection	3
5.6.2 Measuring consumption	3
5.6.3 Tractors equipped with diesel particulate filters	3
5.7 Auxiliary equipment	3
5.8 Ambient conditions	3
5.9 Test equipment	3
5.10 Alternative PTO ratio	4
5.11 Testing rules	4
5.12 Required measurements	4
5.13 Warm-up	4
6 Test procedure	4
6.1 Varying engine speed at full load	4
6.2 Maximum power	5
6.2.1 Rated engine speed	5
6.2.2 Standard PTO speed	5
6.2.3 Absolute maximum power	5
6.3 Variable loads	5
6.3.1 Rated engine speed	5
6.3.2 Standard PTO speed	5
6.4 Variable loads and varying engine speed	6
6.4.1 Five additional points for calculating fuel consumption characteristics	6
6.4.2 Tractors with regenerating particulate filters	6
6.5 Statement of power rating	7
7 Test report	7
Bibliography	9