



OECD approval number

2/2 097

OECD approval date

Restricted Code

13/01/2004

Make

McCormick

Model

MTX 110

Type

4 WD

MTX3 - 40 km/h

Manufacturer

McCormick Tractors International Limited

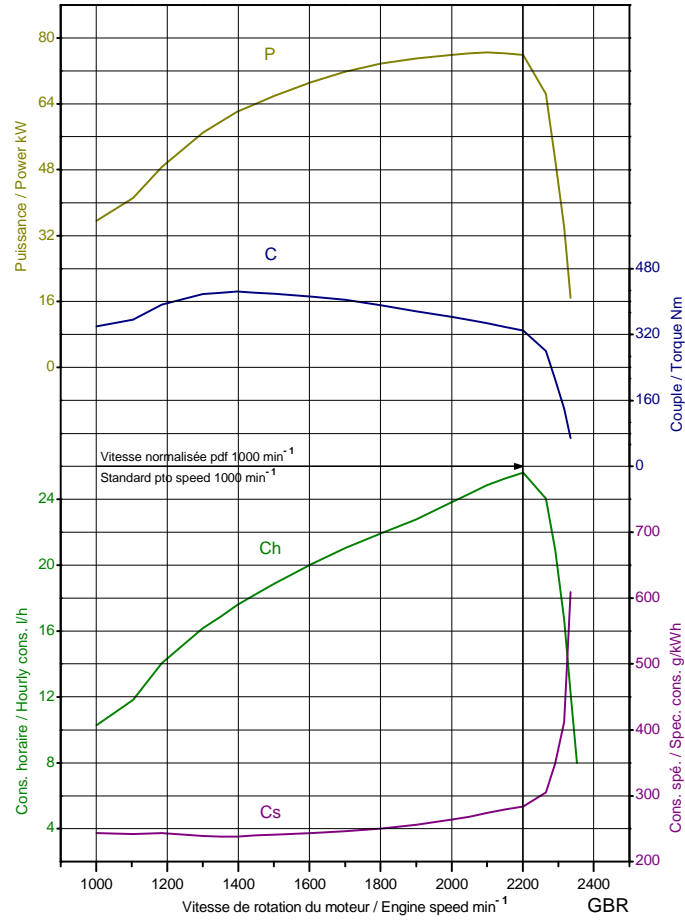
Testing station:

SRI, Silsoe, United Kingdom

McCormick MTX 110

4 RM/WD

OCDE/OECD 2/2097



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1000 Series	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	6	vertical in line	
<i>Capacity, Cooling</i>	5985 cm ³	Liquid	
<i>Gear box</i>		Mechanical powershift	
<i>Number of forward and reverse speeds</i>		16	12
<i>Speed at rated engine speed</i>		from 2.87	to 38.61 km/h
<u>Standard Power take-off speed</u>		<u>540 min⁻¹</u>	<u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>		633 min ⁻¹	1000 min ⁻¹
<i>Diameter of the shaft</i>		34.9 mm	34.9 mm
<i>Number of splines</i>		6	21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	76.5 kW	2100 min ⁻¹	955 min ⁻¹
<i>Hourly and specific consumption</i>		24.87 l/h	274 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	75.9 kW	2201 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		25.61 l/h	284 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	75.9 kW	2201 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		25.61 l/h	284 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		424.5 Nm	1397 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	540/65 R 28	650/65 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	6013 kg	
<i>Maximum drawbar pull</i>	64.3 kN	<i>Not</i>
<i>at speed of</i>	2.58 km/h	<i>required</i>
<i>Maximum power</i>	66.3 kW	<i>in</i>
<i>at speed of</i>	10.27 km/h	<i>Code 2</i>

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Closed centre	
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	89.8 l/min	16.0 MPa	24.0 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		41.8 kN	30.8 kN

