



OECD approval number

2/2 100

Restricted Code

OECD approval date

13/01/2004

Make

McCormick

Model

MTX 155

Type

4 WD

MTX4 - 40 km/h

Manufacturer

McCormick Tractors International Limited

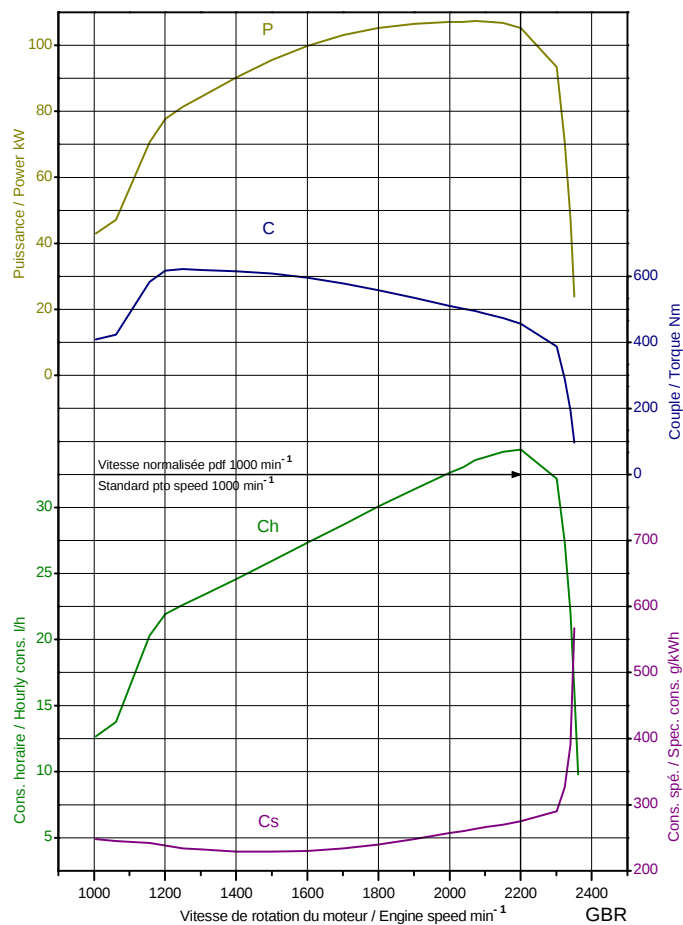
Testing station:

SRI, Silsoe, United Kingdom

McCormick MTX 155

4 RM/WD

OCDE/OECD 2/2100



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 2.88	to 39.20 km/h
<u>Standard Power take-off speed</u>	540 min ⁻¹	1000 min ⁻¹
<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>	107.4 kW	2072 min ⁻¹	942 min ⁻¹
<i>Hourly and specific consumption</i>		33.59 l/h	263 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	105.3 kW	2201 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		34.38 l/h	275 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	105.3 kW	2201 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		34.38 l/h	275 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	622.2 Nm	1250 min ⁻¹	36.1 %
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Drawbar Test*Front tyres, Rear tyres*

540/65 R 30 650/65 R 42

Test with tractorunballasted ballasted*Total Mass*

7311 kg

Maximum drawbar pull

74.1 kN

at speed of

2.70 km/h

*Not required**Maximum power*

95.2 kW

*in**at speed of*

7.46 km/h

*Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Closed centre

At maximum hydraulic power*Flow rate, Pressure, Power*

90.1 l/min

16.5 MPa

24.8 kW

Maximum lifting force*at hitch points, at frame*

63.9 kN

55.1 kN

