



OECD approval number

2/2 098

Restricted Code

OECD approval date

13/01/2004

Make

McCormick

Model

MTX 125

Type

4 WD

MTX3 - 40 km/h

Manufacturer

McCormick Tractors International Limited

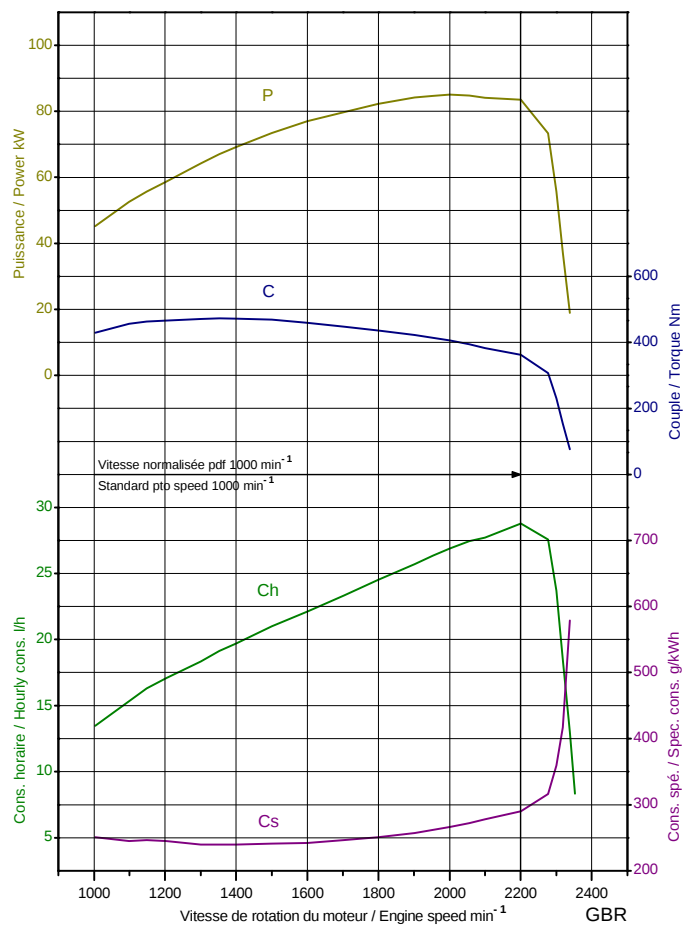
Testing station:

SRI, Silsoe, United Kingdom

McCormick MTX 125

4 RM/WD

OCDE/OECD 2/2098



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>	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>	85.1 kW	2000 min ⁻¹	909 min ⁻¹
<i>Hourly and specific consumption</i>		26.91 l/h	266 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	83.5 kW	2201 min ⁻¹	1001 min ⁻¹
<i>Hourly and specific consumption</i>		28.80 l/h	290 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	83.5 kW	2201 min ⁻¹	1001 min ⁻¹
<i>Hourly and specific consumption</i>		28.80 l/h	290 g/kWh

Torque rise

		30.7 %
<u>Maximum torque, Engine speed corresponding</u>	473.4 Nm	1353 min ⁻¹

Drawbar Test*Front tyres, Rear tyres*

	540/65 R 28	650/65 R 38
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Test with tractor*Total Mass*

	unballasted	ballasted
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Maximum drawbar pull

	6102 kg	
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at speed of

	64.1 kN	Not
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Maximum power

	2.61 km/h	required
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at speed of

	76.2 kW	in
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	9.79 km/h	Code 2
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