



OECD approval number

2/2 087

Restricted Code

OECD approval date

23/09/2003

Make

New Holland

Model

TM 130

Type

4 WD

MBC7BE1 - 18 speeds Semi-Power Shift - 40 km/h

Manufacturer

CNH UK Limited

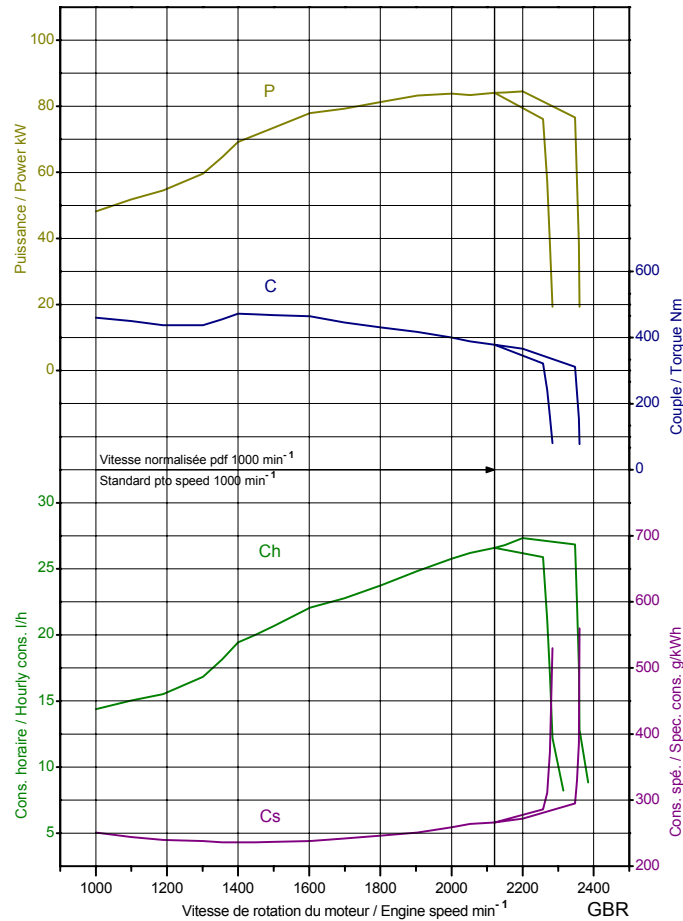
Testing station

SRI, Silsoe, United Kingdom

New Holland TM 130

4 RM/WD

OCDE/OECD 2/2087



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	675TA/HC	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	6	vertical in line	
<i>Capacity, Cooling</i>	7480 cm ³	Liquid	
<i>Gear box</i>		Mechanical powershift	
<i>Number of forward and reverse speeds</i>		18	6
<i>Speed at rated engine speed</i>		from 2.46	to 40.75 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>		603 min ⁻¹	1038 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>	84.5 kW	2200 min ⁻¹	1038 min ⁻¹
<i>Hourly and specific consumption</i>		27.33 l/h	272 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	84.5 kW	2200 min ⁻¹	1038 min ⁻¹
<i>Hourly and specific consumption</i>		27.33 l/h	272 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	84.1 kW	2121 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		26.59 l/h	266 g/kWh

Torque rise

<i>Maximum torque. Engine speed corresponding</i>		471.9 Nm	1400 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	14.9 R 28	18.4 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	5405 kg	
<i>Maximum drawbar pull</i>	55.8 kN	<i>Not</i>
<i>at speed of</i>	2.29 km/h	<i>required</i>
<i>Maximum power</i>	70.9 kW	<i>in</i>
<i>at speed of</i>	6.58 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>	107.1 l/min	17.5 MPa	31.2 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		36.0 kN	33.4 kN