



OECD approval number

2/2 120

Restricted Code

OECD approval date

29/04/2004

Make

New Holland

Model

TM 155

Type

4 WD

MDC7BE1 - 40 km/h

Manufacturer

CNH UK Limited

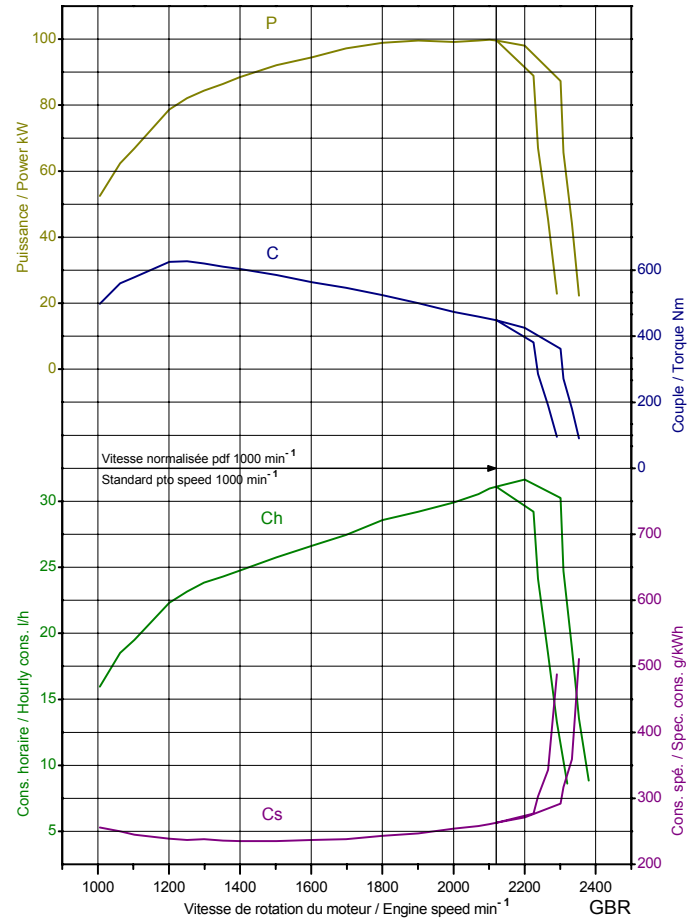
Testing station:

SRI, Silsoe, United Kingdom

New Holland TM 155

4 RM/WD

OCDE/OECD 2/2120



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	675TA/HA
<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 40.79 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>	99.8 kW	2101 min ⁻¹	991 min ⁻¹
<i>Hourly and specific consumption</i>		30.98 l/h	261 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	98.1 kW	2200 min ⁻¹	1038 min ⁻¹
<i>Hourly and specific consumption</i>		31.65 l/h	271 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	99.6 kW	2121 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		31.12 l/h	263 g/kWh

Torque rise

		47.2 %	
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<u>Maximum torque, Engine speed corresponding</u>	627.1 Nm	1251 min ⁻¹	
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Drawbar Test*Front tyres, Rear tyres*

	16.9 R 28	20.8 R 38
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<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
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Total Mass

	5860 kg	
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<i>Maximum drawbar pull</i>	61.9 kN	Not
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<i>at speed of</i>	2.25 km/h	required
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<i>Maximum power</i>	81.9 kW	in
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<i>at speed of</i>	7.61 km/h	Code 2
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Hydraulic Performance and Power Lift Test*Hydraulic system*

		Closed centre
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<u>At maximum hydraulic power</u>		
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<i>Flow rate, Pressure, Power</i>	105.7 l/min	17.5 MPa	30.8 kW
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<u>Maximum lifting force</u>			
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<i>at hitch points, at frame</i>		45.4 kN	40.2 kN
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