



OECD approval number

2/2 144

Restricted Code

OECD approval date

13/07/2004

Make

New Holland

Model

TM 190

Type

4 WD

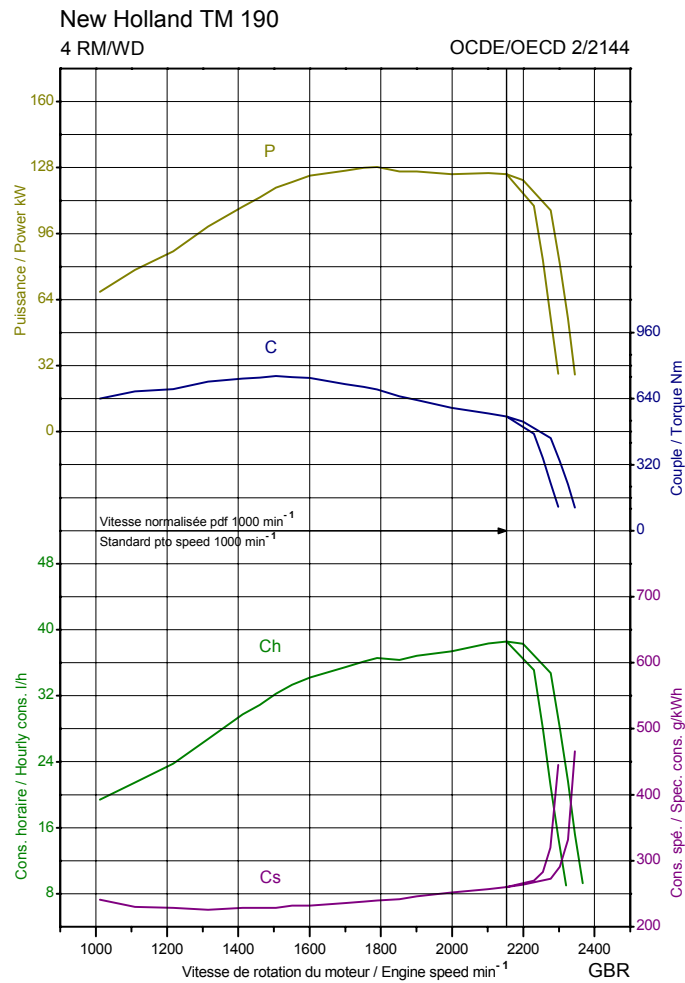
MFC7CG1 - 19 speeds - 50 km/h

Manufacturer

CNH UK Limited

Testing station:

SRI, Silsoe, United Kingdom



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	675TA/FA
<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>	19	6
<i>Speed at rated engine speed</i>	from 1.90	to 45.80 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>		1021 min ⁻¹
<i>Diameter of the shaft</i>		34.9 mm
<i>Number of splines</i>		21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	128.3 kW	1790 min ⁻¹	831 min ⁻¹
<i>Hourly and specific consumption</i>		36.57 l/h	240 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	122.0 kW	2199 min ⁻¹	1021 min ⁻¹
<i>Hourly and specific consumption</i>		38.32 l/h	264 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	124.8 kW	2153 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		38.60 l/h	260 g/kWh

Torque rise

		41.7 %
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Maximum torque, Engine speed corresponding

750.7 Nm	1505 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

540/65 R 30	650/65 R 42
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Test with tractor

<u>unballasted</u>	<u>ballasted</u>
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Total Mass

7925 kg

Maximum drawbar pull

77.7 kN

*at speed of*2.13 km/h *Not required**Maximum power*

112.8 kW

*at speed of*6.65 km/h *Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Closed centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	94.5 l/min	17.5 MPa	27.6 kW
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Maximum lifting force

<i>at hitch points, at frame</i>	62.6 kN	50.2 kN
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