



OECD approval number

2/2 118

Restricted Code

OECD approval date

23/03/2004

Make

New Holland

Model

TM 140

Type

4 WD

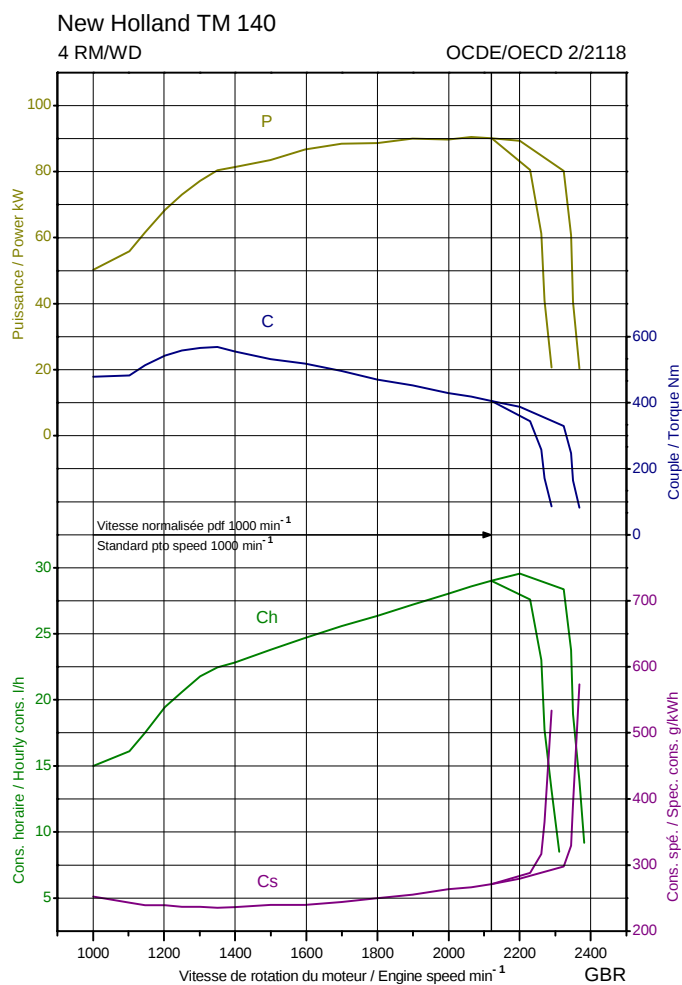
MCC7BE1 - 40 km/h

Manufacturer

CNH UK Limited

Testing station:

SRI, Silsoe, United Kingdom



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	675TA/HB
<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 40.80 km/h
<i>Standard Power take-off speed</i>	540 min ⁻¹	1000 min ⁻¹
<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>	90.3 kW	2061 min ⁻¹	972 min ⁻¹
<i>Hourly and specific consumption</i>		28.54 l/h	266 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	89.3 kW	2201 min ⁻¹	1038 min ⁻¹
<i>Hourly and specific consumption</i>		29.58 l/h	279 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	90.1 kW	2121 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		29.05 l/h	271 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	568.6 Nm	1350 min ⁻¹	46.7 %
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Drawbar Test*Front tyres, Rear tyres*

<i>Test with tractor</i>	16.9 R 28	20.8 R 38
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Total Mass

<i>Maximum drawbar pull</i>	5868 kg	
<i>at speed of</i>	61.8 kN	Not
<i>Maximum power</i>	2.28 km/h	required

at speed of

<i>at speed of</i>	76.6 kW	in
	7.63 km/h	Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

<i>At maximum hydraulic power</i>			Closed centre
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<i>Flow rate, Pressure, Power</i>	110.8 l/min	16.5 MPa	30.5 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		42.8 kN	40.1 kN
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