



OECD approval number

2/1 886

OECD approval date

Restricted Code

22/02/00

Make

New Holland

Model

TV140

Type

Articulated 4 WD

Bidirectional

Manufacturer

New Holland Canada Ltd.

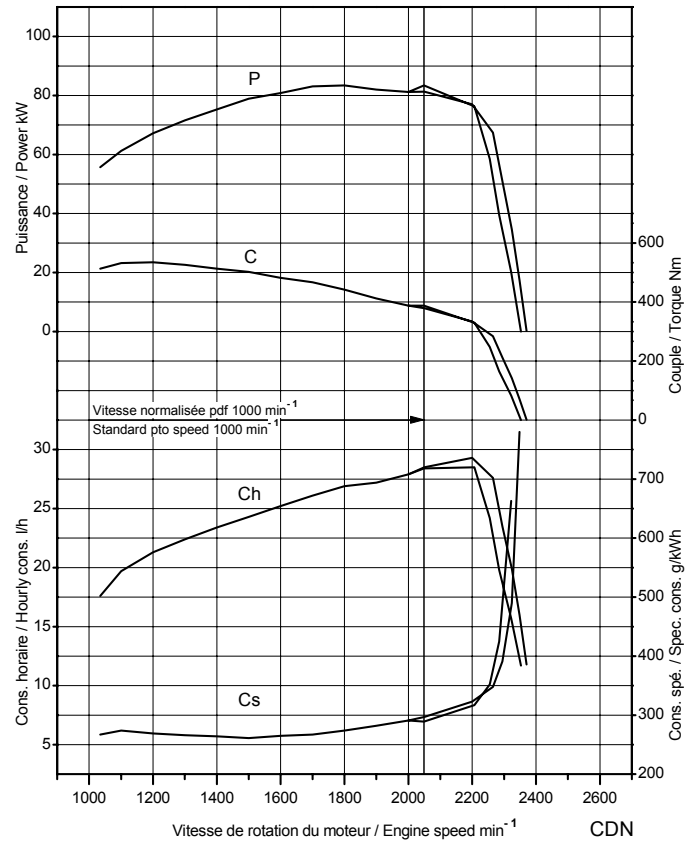
Testing station:

PAMI, Portage la Prairie, Canada

New Holland TV140

4 RM Articulé/Articulated 4 WD

OCDE/OECD 2/1886



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	New Holland	675TWV
<i>Type, Supercharging</i>	Driven transfer pump	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	7500 cm ³	Liquid
<i>Gear box</i>		Hydrostatic
<i>Number of forward and reverse speeds</i>		Not significant
<i>Speed at rated engine speed</i>	from 0.00	to 29.50 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>		1073.7 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>	83.4 kW	1800 min ⁻¹	878 min ⁻¹
<i>Hourly and specific consumption</i>		26.87 l/h	274 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	77.0 kW	2200 min ⁻¹	1074 min ⁻¹
<i>Hourly and specific consumption</i>		29.29 l/h	323 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	81.3 kW	2049 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		28.45 l/h	297 g/kWh

Torque rise

		60.2 %
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Maximum torque, Engine speed corresponding

535.0 Nm	1200 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

480/85 - 34	480/85 - 34
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Test with tractor

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

6674 kg

Maximum drawbar pull

49.0 kN

at speed of

3.89 km/h

*Not required**Maximum power*

65.5 kW

*in**at speed of*

7.15 km/h

*Code 2***Power Lift and Hydraulic Performance Test***Hydraulic system*

Closed centre

Maximum lifting force at hitch points, at frame

30.3 kN

24.2 kN

At maximum hydraulic power*Flow rate, Pressure, Power*

98.6 l/min

17.9 MPa

29.4 kW