



OECD approval number

2/1 885

Restricted Code

OECD approval date

17/02/00

Make

New Holland

Model

9282

Type

Articulated 4 WD

Manufacturer

New Holland Canada Ltd.

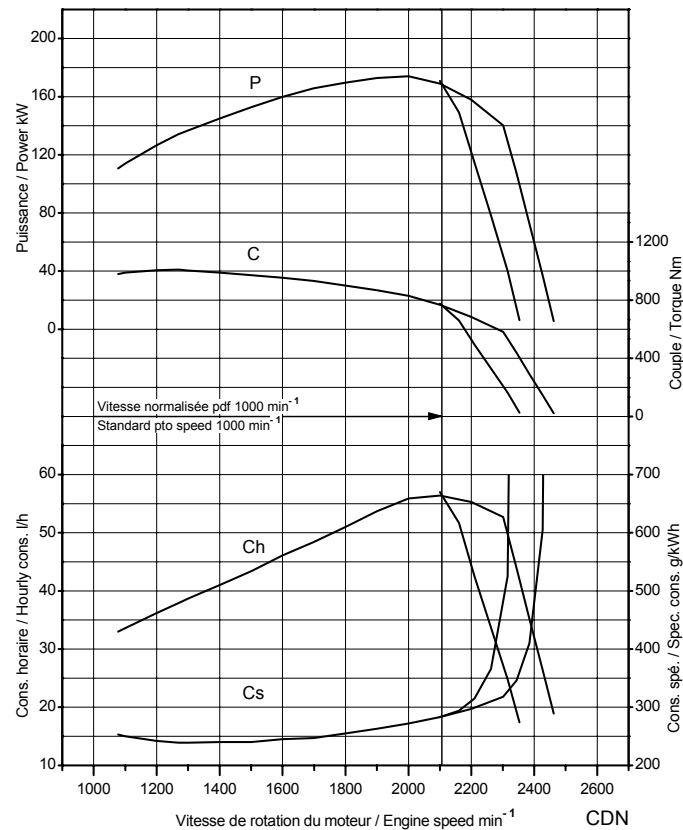
Testing station:

PAMI, Portage la Prairie, Canada

New Holland 9282

4 RM Articulé/Articulated 4 WD

OCDE/OECD 2/1885



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Cummins	6CTA 8.3-260
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	8268 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	12	4
<i>Speed at rated engine speed</i>	from 4.44	to 26.50 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>		996.9 min ⁻¹
<i>Diameter of the shaft</i>		44.5 mm
<i>Number of splines</i>		20

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	174.2 kW	2000 min ⁻¹	949 min ⁻¹
<i>Hourly and specific consumption</i>		55.78 l/h	271 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	157.9 kW	2200 min ⁻¹	1045 min ⁻¹
<i>Hourly and specific consumption</i>		55.29 l/h	297 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	170.8 kW	2100 min ⁻¹	997 min ⁻¹
<i>Hourly and specific consumption</i>		57.03 l/h	283 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	1011.0 Nm	1269 min ⁻¹	47.6 %
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Drawbar Test

<i>Front tyres, Rear tyres</i>	18.8 - 38	18.8 - 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	11252 kg	
<i>Maximum drawbar pull</i>	111.3 kN	Not
<i>at speed of</i>	4.61 km/h	required
<i>Maximum power</i>	164.0 kW	in
<i>at speed of</i>	8.54 km/h	Code 2

Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>		Closed centre
<i>Maximum lifting force at hitch points, at frame</i>	101.4 kN	68.0 kN
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power</i>	151.8 l/min	15.9 MPa 40.2 kW