



OECD approval number

2/1 816

OECD approval date

Restricted Code

06/04/1999

Make

New Holland

Model

9682

Type

Articulated 4 WD

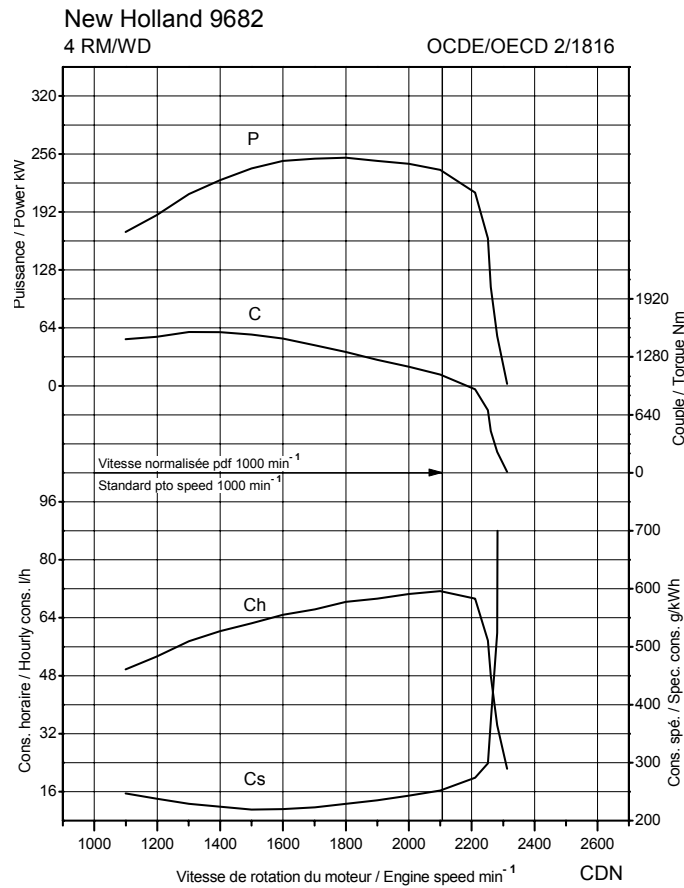
Manufacturer

New Holland Canada Ltd.,

Versatile Farm Equipment Operations

Testing station:

PAMI, Portage La Prairie, Canada



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Cummins	N14-C360
<i>Type, Supercharging</i>	Driven Transfert Pump	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	14039 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 4.77	to 28.49 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>		997 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>	251.7 kW	1800 min ⁻¹	855 min ⁻¹
<i>Hourly and specific consumption</i>		68.35 l/h	229 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	238.4 kW	2100 min ⁻¹	997 min ⁻¹
<i>Hourly and specific consumption</i>		71.41 l/h	252 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	238.4 kW	2100 min ⁻¹	997 min ⁻¹
<i>Hourly and specific consumption</i>		71.41 l/h	252 g/kWh

Torque rise

		45.0 %
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Maximum torque, Engine speed corresponding

1572.0 Nm	1311 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

20.8 R 42	20.8 R 42
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Test with tractor

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

14453 kg

Maximum drawbar pull

155.1 kN

at speed of

4.46 km/h	<i>Not required</i>
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Maximum power

225.9 kW	<i>in</i>
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at speed of

8.59 km/h	<i>Code 2</i>
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Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	170.7 l/min	15.9 MPa	45.2 kW
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Maximum lifting force*at hitch points, at frame*