



OECD approval number

2/1 942

Restricted Code

OECD approval date

22/11/00

Make

New Holland

Model

9684

Type

Articulated 4 WD

Manufacturer

New Holland Canada Ltd.

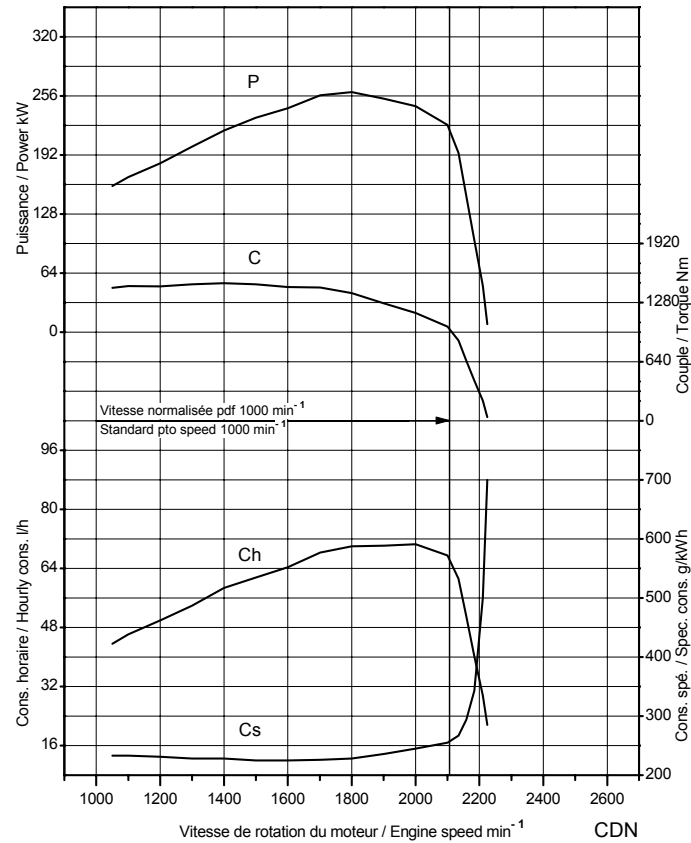
Testing station:

PAMI, Portage la Prairie, Canada

New Holland 9684

4 RM Articulé/Articulated 4 WD

OCDE/OECD 2/1942



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	New Holland	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>	260.3 kW	1800 min ⁻¹	855 min ⁻¹
<i>Hourly and specific consumption</i>		69.99 l/h	228 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	224.7 kW	2100 min ⁻¹	997 min ⁻¹
<i>Hourly and specific consumption</i>		67.53 l/h	255 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	224.7 kW	2100 min ⁻¹	997 min ⁻¹
<i>Hourly and specific consumption</i>		67.53 l/h	255 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	1490.0 Nm	1400 min ⁻¹	45.8 %
---	-----------	------------------------	--------

Drawbar Test

<i>Front tyres, Rear tyres</i>	20.8 - 42	20.8 - 42
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	13893 kg	
<i>Maximum drawbar pull</i>	139.5 kN	Not
<i>at speed of</i>	5.21 km/h	required
<i>Maximum power</i>	239.7 kW	in
<i>at speed of</i>	11.71 km/h	Code 2

Power Lift and Hydraulic Performance Test

Hydraulic system			Closed centre
Maximum lifting force at hitch points, at frame			
<u>At maximum hydraulic power</u>			
Flow rate, Pressure, Power	167.5 l/min	15.0 MPa	41.9 kW