



OECD approval number

1 718

Restricted Code

OECD approval date

15/12/1997

Make

New Holland

Model

M135

Type

4 WD

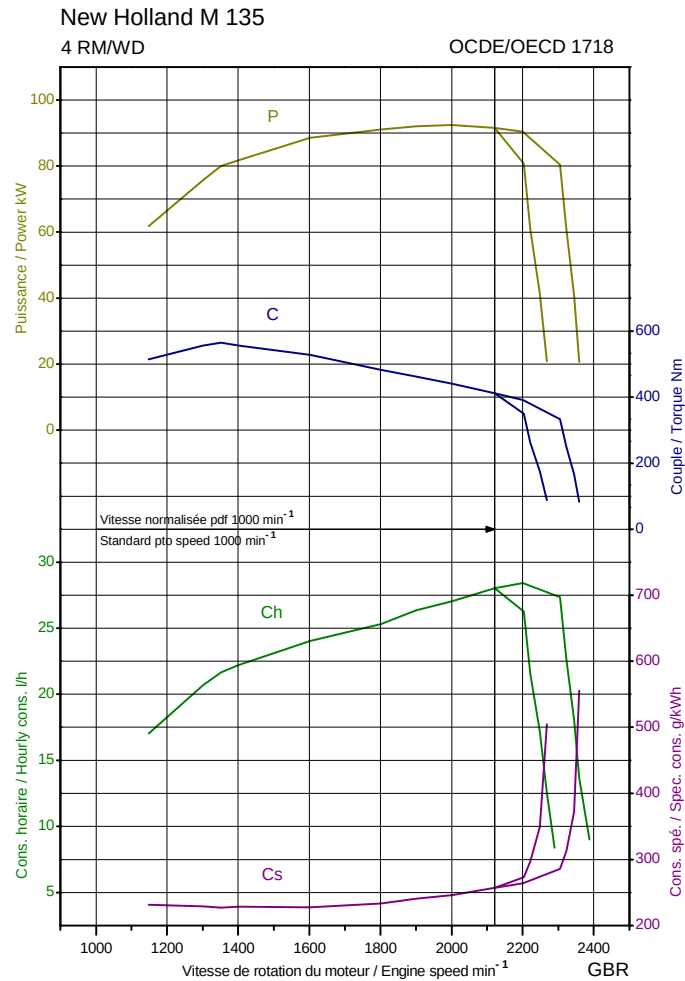
8360 - 23 speeds - 30 km/h

Manufacturer

New Holland UK Ltd.

Testing station:

SRI, Silsoe, United Kingdom



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	New Holland	675T/WL
<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 synchronized
<i>Number of forward and reverse speeds</i>	23	12
<i>Speed at rated engine speed</i>	from 1.37	to 28.55 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	1037 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>	92.4 kW	2000 min ⁻¹	943 min ⁻¹
<i>Hourly and specific consumption</i>		27.05 l/h	246 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	90.4 kW	2201 min ⁻¹	1038 min ⁻¹
<i>Hourly and specific consumption</i>		28.44 l/h	264 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	91.5 kW	2121 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		28.05 l/h	257 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	565.3 Nm	1352 min ⁻¹	44.2 %
---	----------	------------------------	--------

Drawbar Test*Front tyres, Rear tyres*

<i>Test with tractor</i>	14.9 R 28	18.4 R 38
--------------------------	-----------	-----------

Total Mass

<i>Maximum drawbar pull</i>	5375 kg	
-----------------------------	---------	--

at speed of

<i>Maximum power</i>	50.6 kN	Not
----------------------	---------	-----

at speed of

	3.08 km/h	required
--	-----------	----------

Hydraulic Performance and Power Lift Test*Hydraulic system*

<i>At maximum hydraulic power</i>		Opened centre
-----------------------------------	--	---------------

Flow rate, Pressure, Power

<i>Maximum lifting force</i>	91.6 l/min	17.0 MPa	26.0 kW
------------------------------	------------	----------	---------

at hitch points, at frame

	25.8 kN	22.3 kN
--	---------	---------

