OECD approval number	**2/2 694**
OECD approval date	**6/6/2012**
Make	**New Holland**
Model	**T6.160**
Type	**4 WD**
	Semi-powershift - 50 km/h
Manufacturer:	CNH Europe Holding S.A.
Testing station:	IMAMOTER – Torino, Italy

New Holland T6.160
4 RM/WD   OCDE/OECD 2/2 694

Puissance / Power Kw — Couple / Torque Nm — Cons. horaire / Hourly cons. l/h — Cons. spé / Spec. cons. g/kwh

Vitesse de rotation du moteur / Engine speed rev/min
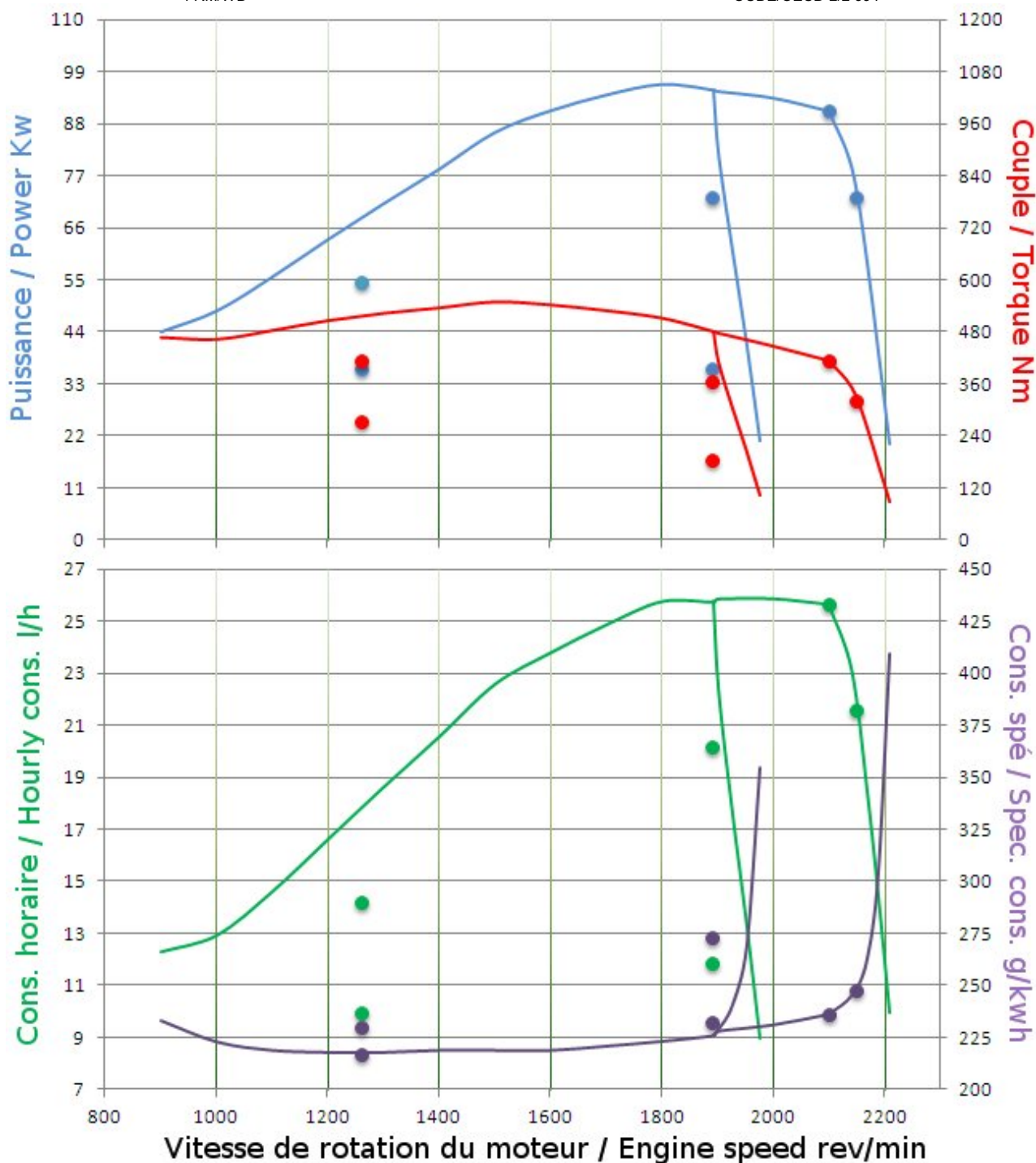
Engine, Transmission, Power take-off Specifications

Make, Model	CNH	F4DFE413A
Type, Supercharging	Direct injection	Yes
Cylinders, Disposition	4	vertical in line
Capacity, Cooling	4485 cm^3	Liquid
Gear box		Semi-powershift
Number of forward and reverse speeds	17	16
Speed at rated engine speed	from 2,2	to 46,1 km/h
<u>Standard Power take-off speed</u>	540 min^{-1}	1000 min^{-1}
Power take-off speed at rated engine speed	576 min^{-1}	1110 min^{-1}
Diameter of the shaft	35 mm	35 mm
Number of splines	6	6

Power take-off Test

<u>One hour test at maximum power</u>

Power, Engine and Power take-off speed	96,4 kW	1800 min^{-1}	951 min^{-1}
Hourly and specific consumption		25,77 l/h	223 g/kWh

<u>Test at maximum power at rated engine speed</u>

Power, Engine and Power take-off speed	90,7 kW	2100 min^{-1}	1109 min^{-1}
Hourly and specific consumption		25,66 l/h	236 g/kWh

<u>Test at standard Power take-off speed</u>

Power, Engine and Power take-off speed	95,2 kW	1893 min^{-1}	1000 min^{-1}
Hourly and specific consumption		25,75 l/h	226 g/kWh
<u>Torque rise</u>			33,0 %
<u>Maximum torque, Engine speed corresponding</u>		548,9 Nm	1500 min^{-1}

Drawbar Test

Front tyres, Rear tyres	480/65R28	600/65R38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
Total Mass	5630 kg	
Maximum drawbar pull	50,3 kN	*Not*
at speed of	2,02 km/h	*Applicable*
Maximum power	77,2 kW	
at speed of	8,68 km/h	

Hydraulic Performance and Power Lift Test

Hydraulic system			Closed centre
<u>At maximum hydraulic power</u>			
Flow rate, Pressure, Power (couplers: 1 pair)	93,7 l/min	16,5 MPa	25,8 kW
Flow rate, Pressure, Power (couplers: 2 pairs or +)	94,2 l/min	18,5 MPa	29,2 kW
<u>Maximum lifting force</u>			
at the hitch points, at frame		46,4 kN	37,4 kN