



OECD approval number
OECD approval date
Make
Model
Type

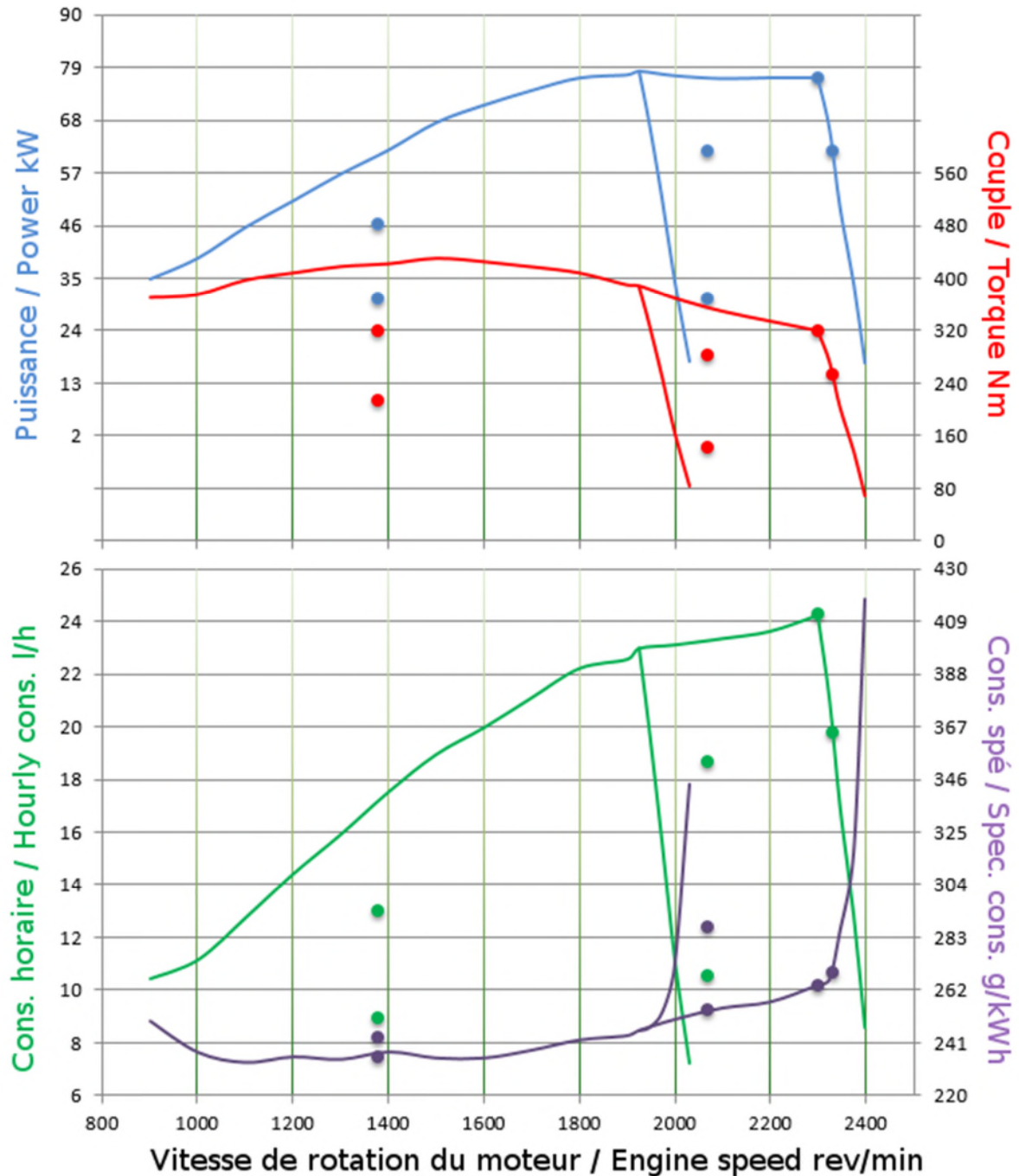
Manufacturer:
Testing station:

2/2 803
16/01/2014
CASE IH
FARMALL 115U
4WD

Mechanical - 40 km/h
CNH Europe Holding S.A.
IMAMOTER – Torino, Italy

CASE IH FARMALL 115U
4WD

OCDE/OECD 2/2 803



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	FTP Industrial	F5DFL413H
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	3387 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	24	24
<i>Speed at rated engine speed</i>	from 1.93	to 39.14 km/h
<u>Standard Power take-off speed</u>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	641 min ⁻¹	1194 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	21

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	78.1 kW	1926 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		22.99 l/h	246 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	76.8 kW	2300 min ⁻¹	1194 min ⁻¹
<i>Hourly and specific consumption</i>		24.25 l/h	264 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	78.1 kW	1926 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		22.99 l/h	246 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	429.4 Nm	1500 min ⁻¹	34.7 %
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Drawbar Test

<i>Front tyres, Rear tyres</i>	480/65 R 24	540/65 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	4580 kg	5280 kg
<i>Maximum drawbar pull</i>	37.9 kN	46.0 kN
<i>at speed of</i>	2.53 km/h	2.86 km/h
<i>Maximum power</i>	59.4 kW	59.2 kW
<i>at speed of</i>	8.62 km/h	8.67 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Open centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	55.9 l/min	17.0 MPa	15.8 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	53.6 l/min	18.0 MPa	16.1 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		36.7 kN	29.4 kN