



OECD approval number

OECD approval date

Make

Model

Type

Manufacturer:

Testing station:

2/2 829

17/04/2014

CASE IH

FARMALL 85 C

4WD

Mechanical - 40 km/h

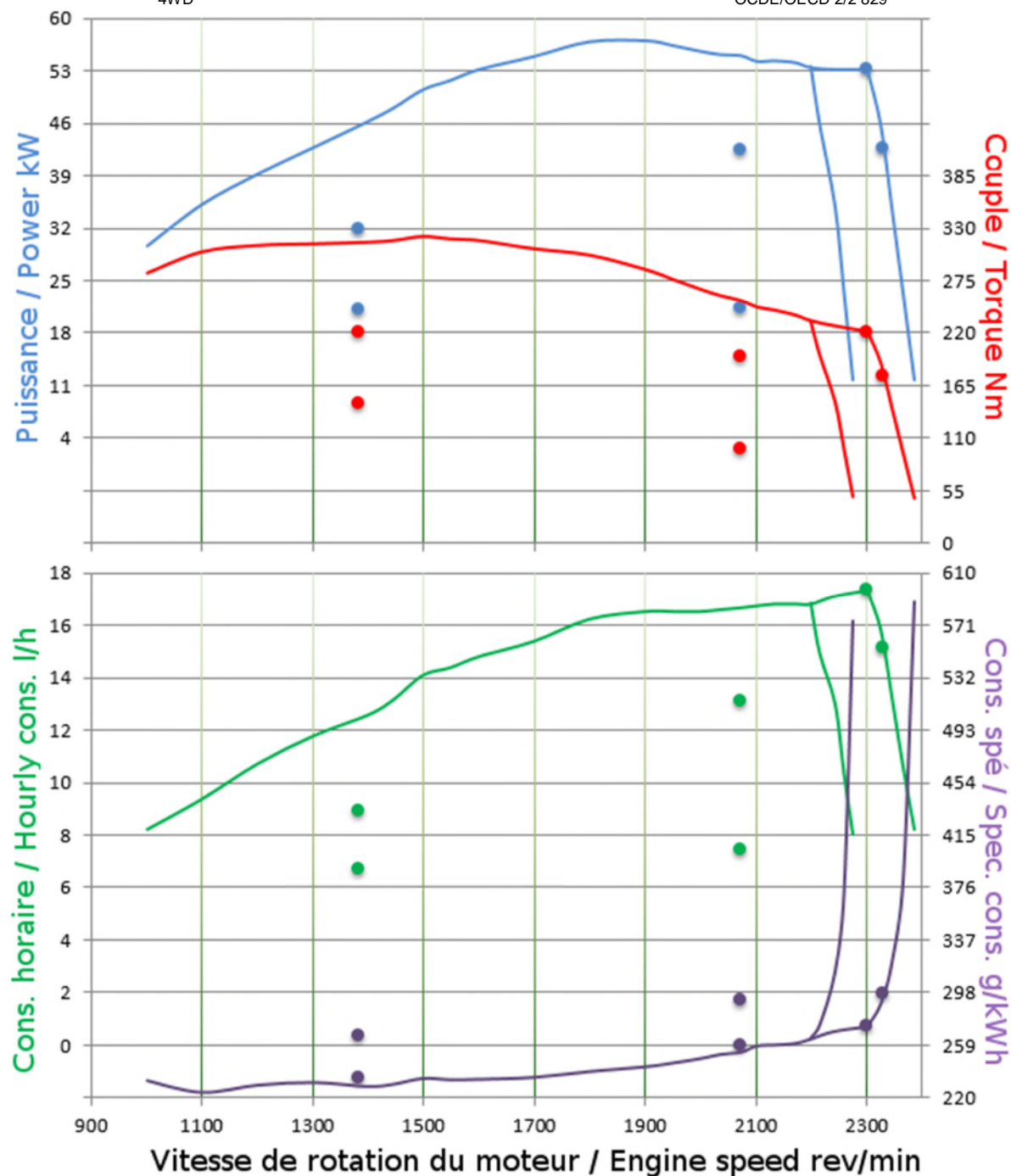
CNH Industrial Europe Holding S.A.

DISTAL – Italy

CASE IH FARMALL 85 C

4WD

OCDE/OECD 2/2 829



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	FTP Industrial	F5DFL413L
<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>		12
<i>Speed at rated engine speed</i>	from 2,15	to 38,22 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>	565 min ⁻¹	1017 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>	57,1 kW	1901 min ⁻¹	467 min ⁻¹
<i>Hourly and specific consumption</i>		16,54 l/h	243 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	53,2 kW	2300 min ⁻¹	565 min ⁻¹
<i>Hourly and specific consumption</i>		17,35 l/h	273 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	53,5 kW	2198 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		16,83 l/h	264 g/kWh

Torque rise

45,7 %

Maximum torque, Engine speed corresponding322,1 Nm 1498 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

440/65 R24

540/65 R34

Test with tractorunballastedballasted*Total Mass*

3700 kg

Maximum drawbar pull

30,27 kN

at speed of

4,34 km/h

Not

Maximum power

46,64 kW

Applicable

at speed of

5,92 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Open centre

At maximum hydraulic power*Flow rate, Pressure, Power (couplers: 1 pair)*

40,90 l/min

17,35 MPa

11,82 kW

Flow rate, Pressure, Power (couplers: 2 pairs or +)

Not Applicable

Maximum lifting force*at the hitch points, at frame*

17,5 kN

15,7 kN