



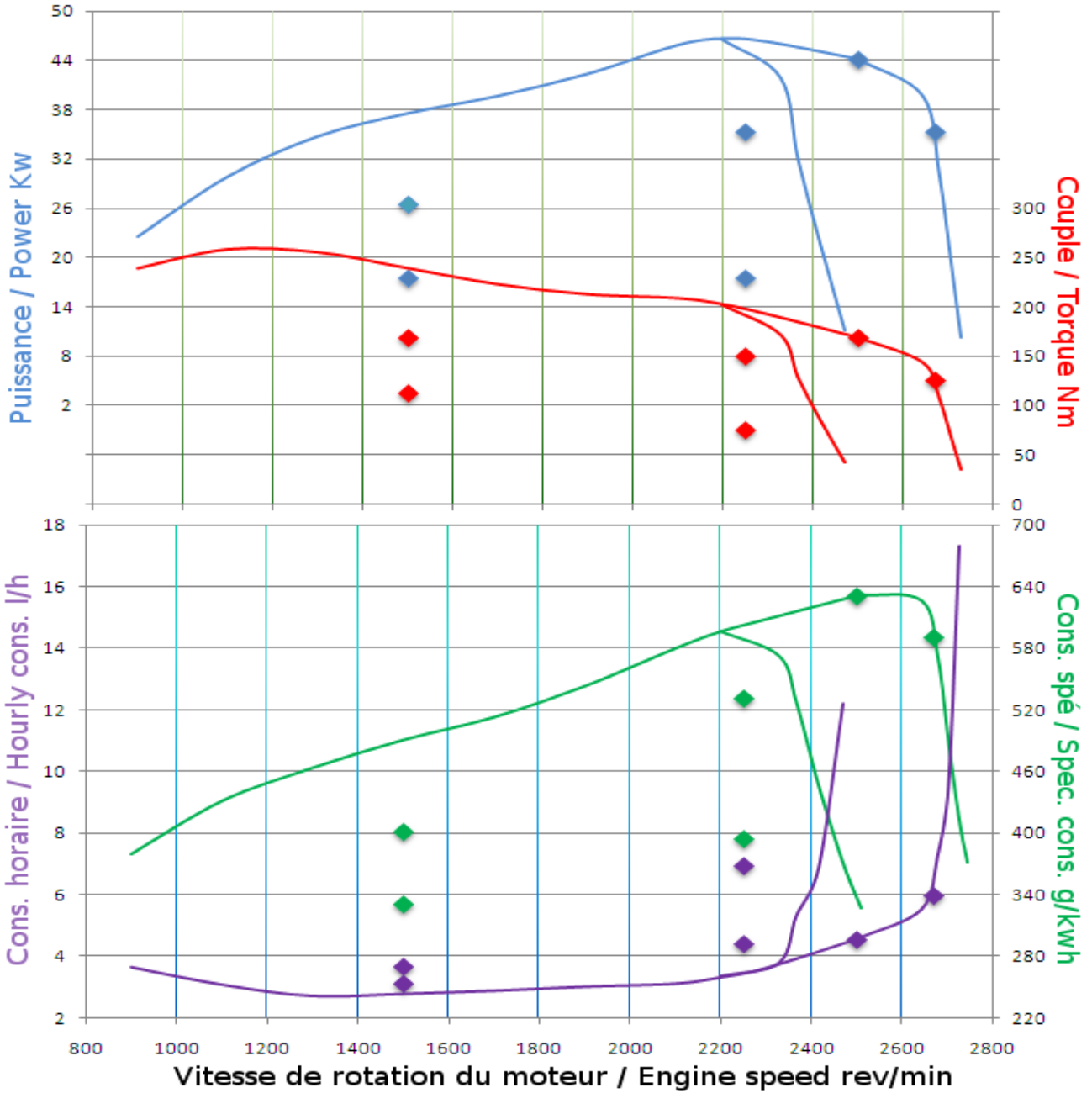
OECD approval number
 OECD approval date
 Make
 Model
 Type

2/2 593
 07/03/2011
 CASE IH
 FARMALL 70
 4 WD
 mechanical transmission - 30 km/h
 TÜRK TRAKTÖR ve ZIRAAT
 MAKINALARI A.Ş.
 TAMTEST, Ankara-TURKiYE

Manufacturer:
 Testing station:

CASE IH FARMALL 70
 4 RMWD

OCDE/OECD 2/2 593



Engine, Transmission, Power take-off Specifications

	IVECO	FPT, F5AE9484M*A
<i>Make, Model</i>	Direct injection	Yes
<i>Type, Supercharging</i>	4	vertical in line
<i>Cylinders, Disposition</i>	3202 cm ³	Liquid mechanical
<i>Capacity, Cooling</i>		12
<i>Gear box</i>		12
<i>Number of forward and reverse speeds</i>		from 1,80
<i>Speed at rated engine speed</i>		540 min ⁻¹
<i>Standard Power take-off speed</i>		614 min ⁻¹
<i>Power take-off speed at rated engine speed</i>		35 mm
<i>Diameter of the shaft</i>		6
<i>Number of splines</i>		6

Power take-off Test

<u>One hour test at maximum power</u>			
<i>Power, Engine and Power take-off speed</i>	46,6 kW	2200 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		14,55 l/h	260 g/kWh
<u>Test at maximum power at rated engine speed</u>			
<i>Power, Engine and Power take-off speed</i>	44,1 kW	2500 min ⁻¹	614 min ⁻¹
<i>Hourly and specific consumption</i>		15,72 l/h	297 g/kWh
<u>Test at standard Power take-off speed</u>			
<i>Power, Engine and Power take-off speed</i>	46,6 kW	2200 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		14,55 l/h	260 g/kWh
<u>Torque rise</u>			53,3 %
<u>Maximum torque, Engine speed corresponding</u>		258,20 Nm	1100 min ⁻¹

Drawbar Test

<i>Front tyres, Rear tyres</i>	12.2R24	16.9-30
<u>Test with tractor</u>	<u>Unballasted</u>	<u>Ballasted</u>
<i>Total Mass</i>	3376 kg	
<i>Maximum drawbar pull at speed of</i>	27,13 kN	<i>Not required</i>
<i>Maximum power at speed of</i>	4,46 km/h	
	38,9 kW	
	8,53 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Open center
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	51,0 l/min	12,0 MPa	10,2 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	58,3 l/min	4,5 MPa	--- kW
<u>Maximum lifting force at the hitch points, at frame</u>		20,9 kN	15,6 kN