



OECD approval number
OECD approval date
Make
Model
Type

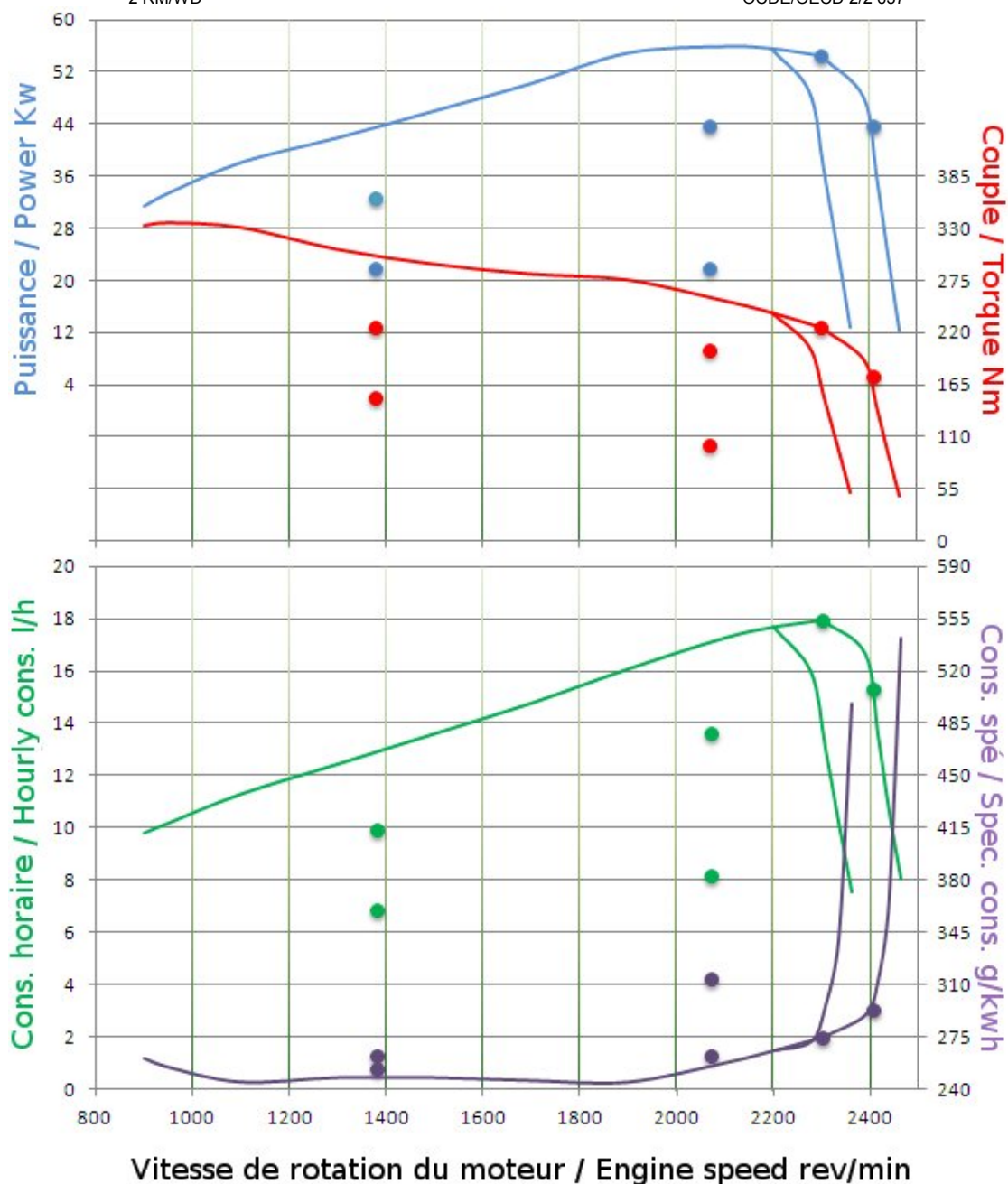
Manufacturer:
Testing station:

2/2 637
07/09/2011
Case IH
JX90
2WD

Mechanical, - 30 km/h
Türk Traktör ve Ziraat Mak.A.Ş.
TAMTEST, Ankara, Turkey

Case IH JX90
2 RM/WD

OCDE/OECD 2/2 637



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	TTF	8045.25B.313T
<i>Type, Supercharging</i>	diesel engine	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	3908 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	12	12
<i>Speed at rated engine speed</i>	from 1,82	to 30,1 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	
<i>Diameter of the shaft</i>	35 mm	Not
<i>Number of splines</i>	6	Applicable

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	55,9 kW	2100 min ⁻¹	516 min ⁻¹
<i>Hourly and specific consumption</i>		17,29 l/h	258 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	54,6 kW	2300 min ⁻¹	565 min ⁻¹
<i>Hourly and specific consumption</i>		17,96 l/h	275 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	55,6 kW	2198 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		17,69 l/h	266 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	336,0 Nm	950 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	9.00-16	420/85 R34
<u>Test with tractor</u>	unballasted	ballasted
<i>Total Mass</i>	3169 kg	
<i>Maximum drawbar pull</i>	20,93 kN	
<i>at speed of</i>	5,47 km/h	Not
<i>Maximum power</i>	45,4 kW	Applicable
<i>at speed of</i>	12,79 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>	22 l/min	15,5 MPa	5,7 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	22 l/min	15,5 MPa	5,7 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		22,7 kN	17,1 kN