

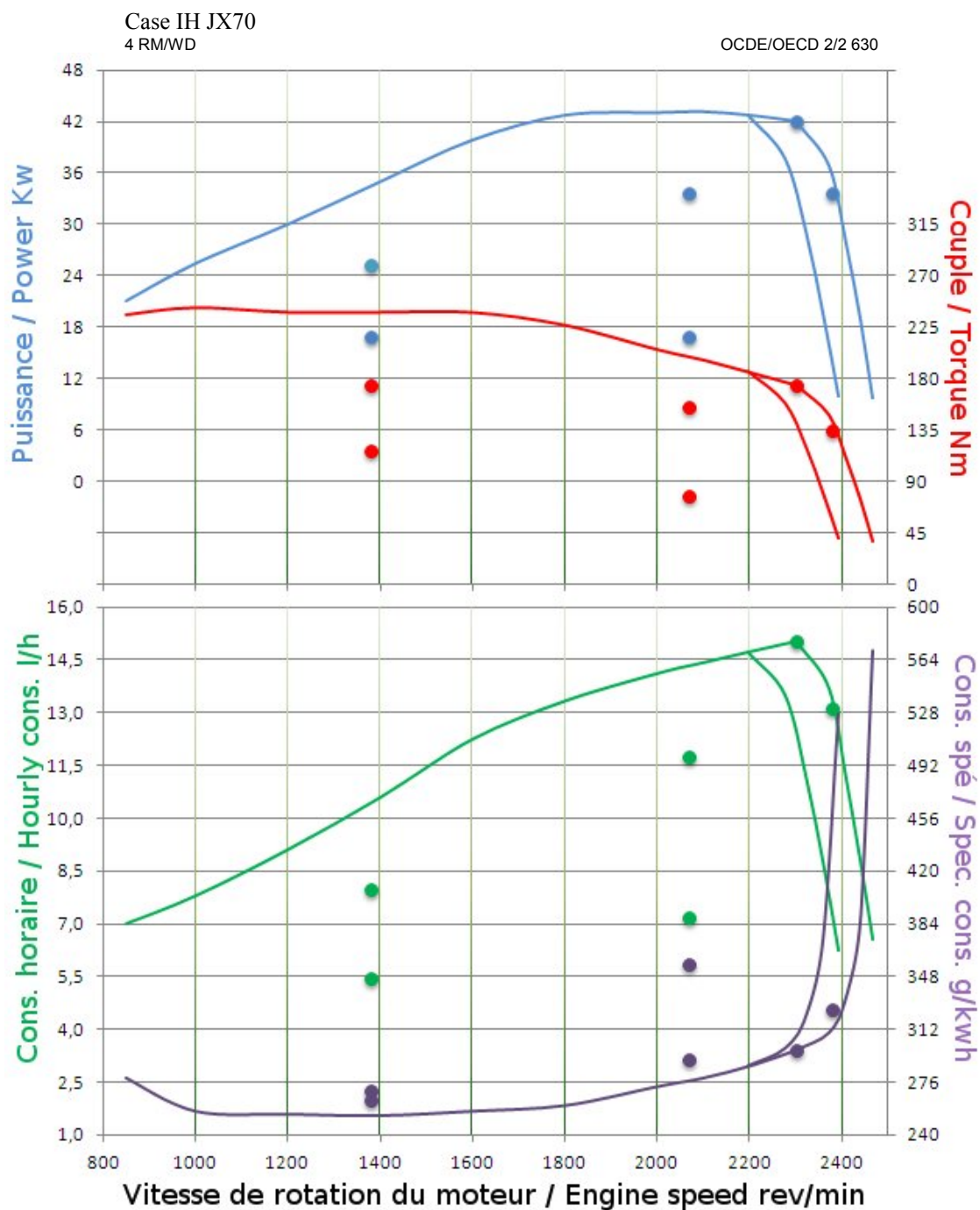


OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 630
07/09/2011
Case IH
JX70
4WD

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



Engine, Transmission, Power take-off Specifications

| | | |
|---|-----------------------|------------------------|
| <i>Make, Model</i> | TTF | 8045.25C.313T |
| <i>Type, Supercharging</i> | diesel engine | Yes |
| <i>Cylinders, Disposition</i> | 4 | vertical in line |
| <i>Capacity, Cooling</i> | 2930 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 2,90 | to 32,44 km/h |
| <i>Standard Power take-off speed</i> | 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> | 43,2 kW | 2100 min ⁻¹ | 516 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 14,41 l/h | 279 g/kWh |

Test at maximum power at rated engine speed

| | | | |
|---|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 42,1 kW | 2300 min ⁻¹ | 565 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 15,01 l/h | 298 g/kWh |

Test at standard Power take-off speed

| | | | |
|---|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 42,8 kW | 2198 min ⁻¹ | 540 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 14,71 l/h | 287 g/kWh |

Torque rise

| | | | |
|---|----------|--|------------------------|
| <i>Maximum torque, Engine speed corresponding</i> | 242,6 Nm | | 1000 min ⁻¹ |
|---|----------|--|------------------------|

Drawbar Test

| | | |
|--------------------------------|-------------|------------|
| <i>Front tyres, Rear tyres</i> | 12.4 R20 | 13.6-36 |
| <i>Test with tractor</i> | unballasted | ballasted |
| <i>Total Mass</i> | 2992 kg | |
| <i>Maximum drawbar pull</i> | 17.42 kN | |
| <i>at speed of</i> | 5,63 km/h | Not |
| <i>Maximum power</i> | 35,5 kW | Applicable |
| <i>at speed of</i> | 8,77 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> | 27,7 l/min | 16,5 MPa | 7,6 kW |
| <i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i> | 27,7 l/min | 16,5 MPa | 7,6 kW |
| <u>Maximum lifting force</u> | | | |
| <i>at the hitch points, at frame</i> | | 20,4 kN | 16 kN |