



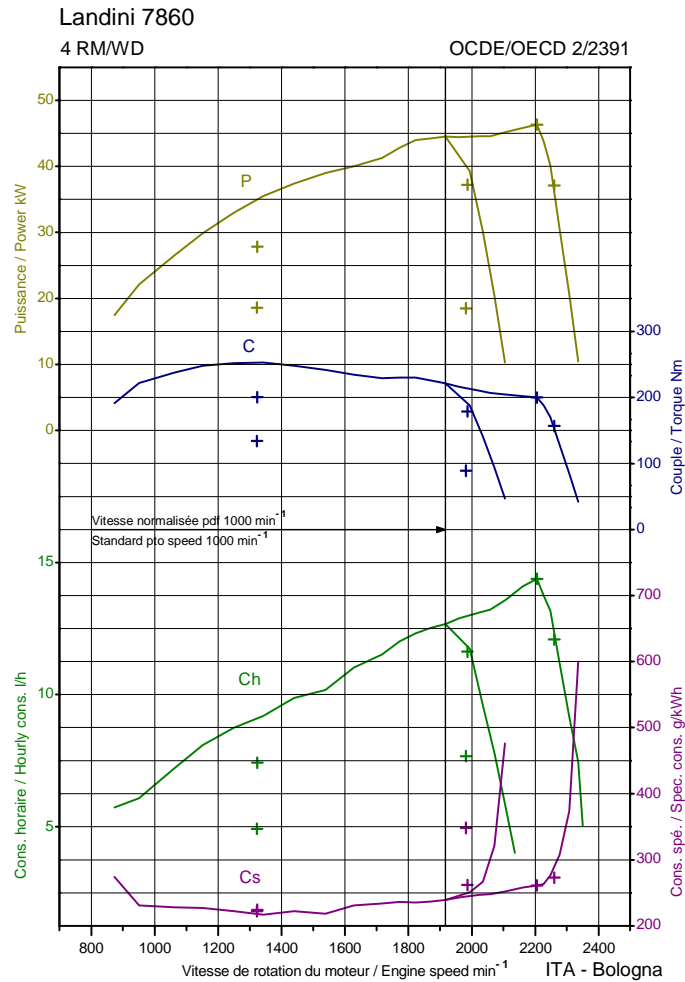
OECD approval number
OECD approval date
Make
Model
Type

2/2 391
24/01/2008
Landini
7860
4 WD

TLYL/AA - 30 km/h

Argo Tractors S.p.A.

Manufacturer
Testing station: Università di Bologna, Bologna, Italy



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	2605/2200
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4400 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>		12 12
<i>Speed at rated engine speed</i>		from 1.74 to 30.27 km/h
<u>Standard Power take-off speed</u>		<u>540 min⁻¹</u> <u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>		611 min ⁻¹ 1148 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	21

Power take-off Test

<u>Two hours test at maximum power</u>			
<i>Power, Engine and Power take-off speed</i>	46.3 kW	2206 min ⁻¹	1151 min ⁻¹
<i>Hourly and specific consumption</i>		14.39 l/h	261 g/kWh
<u>Test at maximum power at rated engine speed</u>			
<i>Power, Engine and Power take-off speed</i>	46.3 kW	2206 min ⁻¹	1151 min ⁻¹
<i>Hourly and specific consumption</i>		14.39 l/h	261 g/kWh
<u>Test at standard Power take-off speed</u>			
<i>Power, Engine and Power take-off speed</i>	44.5 kW	1917 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		12.67 l/h	239 g/kWh
<u>Torque rise</u>			26.4 %
<u>Maximum torque, Engine speed corresponding</u>		253.0 Nm	1342 min ⁻¹

Drawbar Test

<i>Front tyres, Rear tyres</i>	13.6 R 24	16.9 R 34
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	3130 kg	
<i>Maximum drawbar pull</i>	26.4 kN	<i>Not</i>
<i>at speed of</i>	2.46 km/h	<i>required</i>
<i>Maximum power</i>	40.1 kW	
<i>at speed of</i>	9.73 km/h	<i>Code 2</i>

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Opened centre
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	47.7 l/min	14.0 MPa 11.1 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>		
<u>Maximum lifting force</u>		
<i>at the hitch points, at frame</i>	13.3 kN	14.4 kN

