



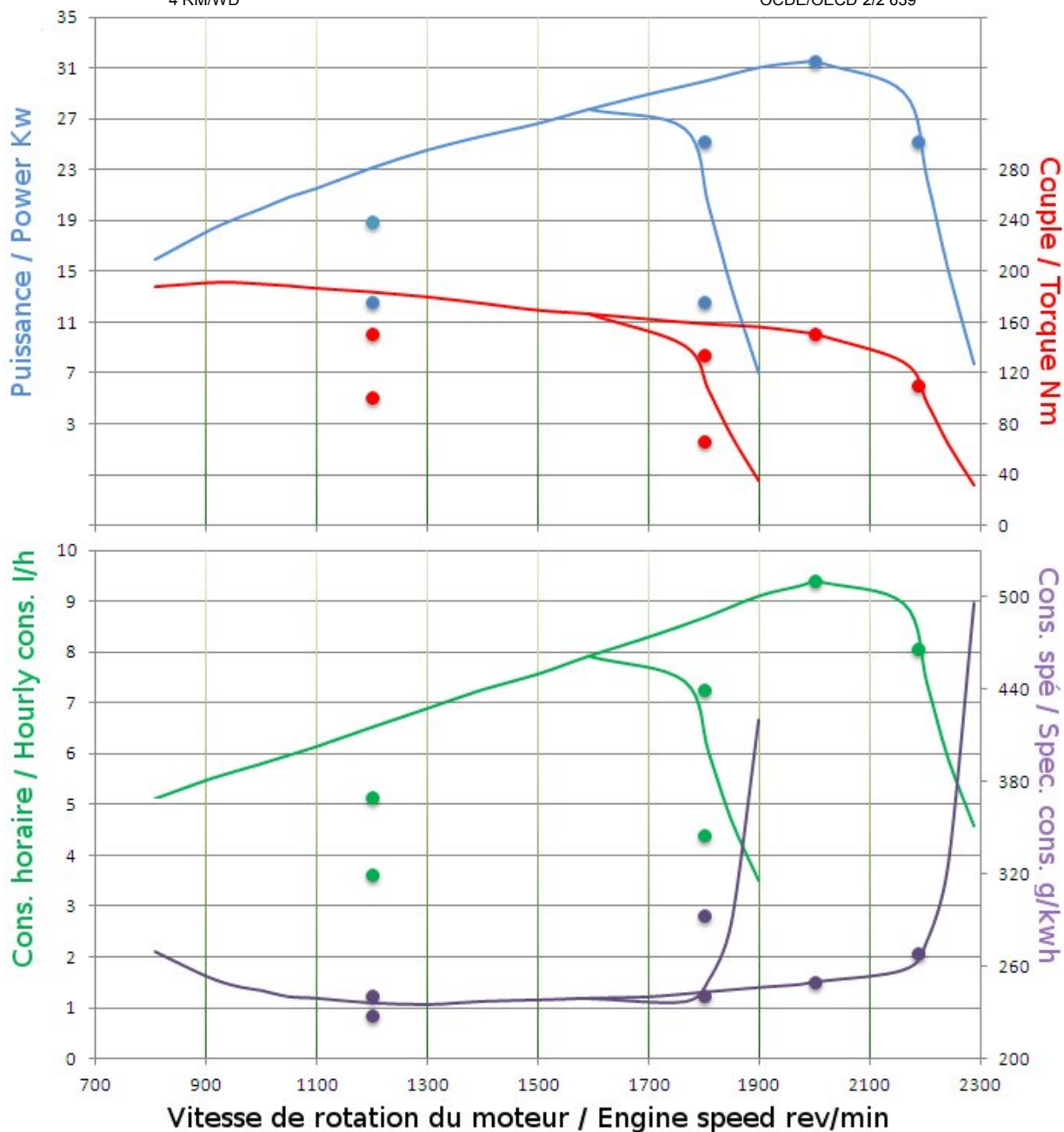
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 639
21/09/2011
Escorts Limited
FARMTRAC 60
2 WD
Mechanical - 30 km/h
M/s. Escorts Limited
Central Farm Machinery Training and
Testing Institute, BUDNI, INDIA

Escorts Limited FARMTRAC - 60
4 RM/WD

OCDE/OECD 2/2 639



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Escorts Limited	AF3.315A-3A
<i>Type, Supercharging</i>	Direct Injection	No
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	3140 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	8	2
<i>Speed at rated engine speed</i>	from 2,77	to 29,51 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>	679 min ⁻¹	
<i>Diameter of the shaft</i>	34,8 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>	31,5 kW	2000 min ⁻¹	679 min ⁻¹
<i>Hourly and specific consumption</i>		9,41 l/h	250 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	31,5 kW	2000 min ⁻¹	679 min ⁻¹
<i>Hourly and specific consumption</i>		9,41 l/h	250 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	27,7 kW	1591 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		7,92 l/h	239 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	191,8 Nm		952 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	6.00-16	13.6-28
<i>Test with tractor</i>	unballasted	ballasted
<i>Total Mass</i>	1970 kg	
<i>Maximum drawbar pull</i>	17,19 kN	Not
<i>at speed of</i>	3,36 km/h	Applicable
<i>Maximum power</i>	28,2 kW	
<i>at speed of</i>	12,12 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Open centre
<i>At maximum hydraulic power</i>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	21,74 l/min	17,0 MPa	6,2 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>		Not	Applicable
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>		9,46 kN	8,26 kN