

OECD ABSTRACT OF AGRICULTURAL AND FORESTRY TRACTOR PERFORMANCE TEST

OECD Approval Number

2/2 940

OECD Approval Date

15/03/2016

Make	FERRARI
Model	COBRAM 60 RS

Make	BCS
Model	VALIANT 600 RS

Make	PASQUALI
Model	EOS 6.60

Type

4 WD

Transmission

mechanical

Speed

30 km/h

Manufacturer

BCS S.p.A.

Testing Station

DISTAL – Italy



FERRARI
BCS
PASQUALI

COBRAM 60 RS – 4 WD
VALIANT 600 RS – 4 WD
EOS 6.60 – 4 WD

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SPECIFICATIONS

ENGINE

<i>Make</i>	KOHLER
<i>Model</i>	KDI2504M/26
<i>Type</i>	Direct injection
<i>Supercharging</i>	No
<i>Cylinders</i>	4
<i>Disposition</i>	vertical in line
<i>Capacity</i>	2482 cm ³
<i>Cooling</i>	Liquid

TRANSMISSION

<i>Gear box</i>	Mechanical
<i>Number of forward and reverse speeds</i>	12
<i>Speed at rated engine speed</i>	from 0,82 to 32,6 km/h

POWER TAKE-OFF SPECIFICATIONS

<i>Standard Power take-off speed</i>	<u>540 min⁻¹</u>	<u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>	585 min ⁻¹	
<i>Diameter of the shaft</i>	35 mm	Not
<i>Number of splines</i>	6	Available

PTO TEST RESULTS

One hour test at maximum power

Power, Engine and Power take-off speed	32,2 kW	2600 min ⁻¹	584 min ⁻¹
Hourly and specific consumption		10,81 l/h	280 g/kWh
Hourly and specific urea consumption		-	-

Test at maximum power at rated engine speed

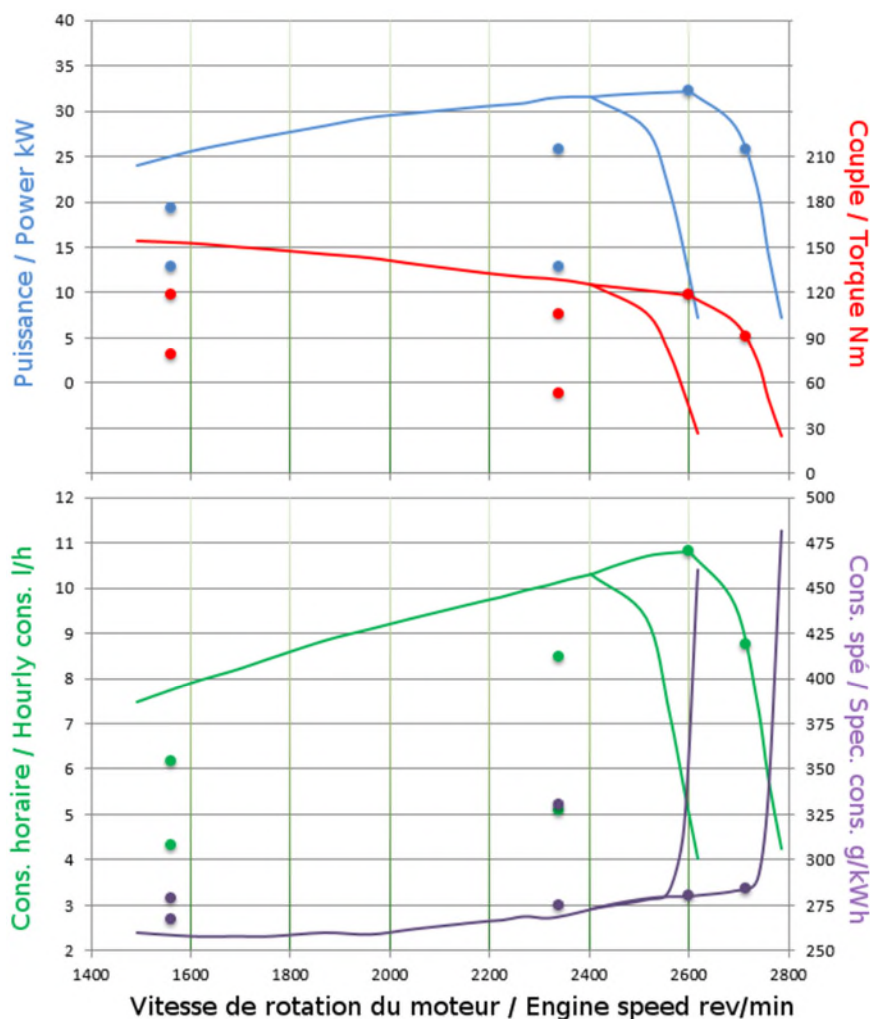
Power, Engine and Power take-off speed	32,2 kW	2600 min ⁻¹	584 min ⁻¹
Hourly and specific consumption		10,81 l/h	280 g/kWh
Hourly and specific urea consumption		-	-

Test at standard Power take-off speed

Power, Engine and Power take-off speed	31,6 kW	2403 min ⁻¹	540 min ⁻¹
Hourly and specific consumption		10,31 l/h	273 g/kWh
Hourly and specific urea consumption		-	-

Torque rise

Maximum torque, Engine speed corresponding	153,9 Nm	1491 min ⁻¹	30,0 %
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PARTICULATE FILTER ACTIVE REGENERATION FUEL USE

Not Applicable

HYDRAULIC PERFORMANCE AND POWER LIFT TEST

Hydraulic system

open centre

Relief valve pressure setting (tolerance):

20,5 ± 0,5 MPa

HYDRAULIC PERFORMANCES

At maximum hydraulic power

Flow rate, Pressure, Power (couplers: 1 pair)

22,57 l/min

15,6 MPa

5,87 kW

Flow rate, Pressure, Power (couplers: 2 pairs or +)

Not

Applicable

POWER LIFT

Maximum lifting force

at the hitch points

8,52 kN

at the frame

5,24 kN



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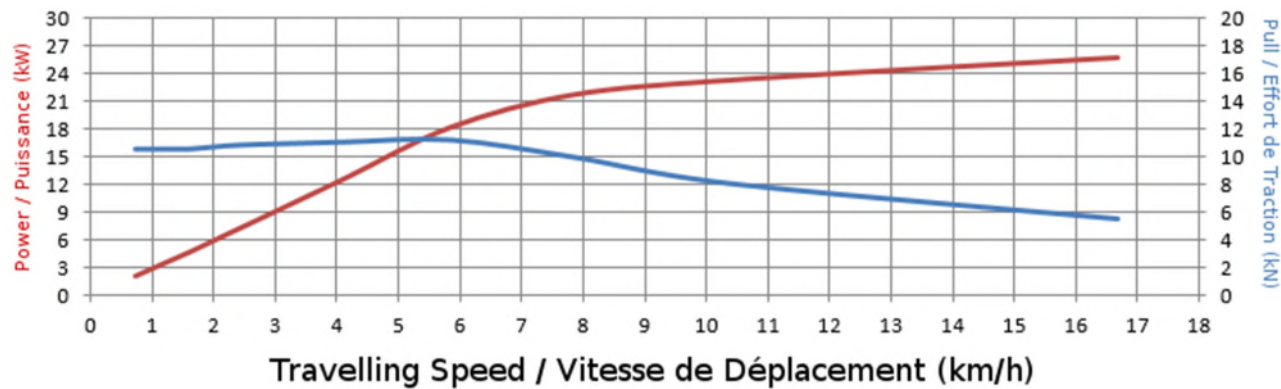
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DRAWBAR TEST

Front tyres, Rear tyres	280/70 R18	280/70 R18
Inflation pressure	240 kPa	240 kPa

UNBALLASTED

Total Mass	1440 kg
Maximum drawbar pull	11,19 kN
at speed of	5,86 km/h
Maximum power	25,70 kW
at speed of	16,67 km/h



BALLASTED

Not available