

OECD ABSTRACT OF AGRICULTURAL AND FORESTRY TRACTOR PERFORMANCE TEST

OECD Approval Number

2/2 952

OECD Approval Date

09/05/2016

Make	FERRARI
Model	COBRAM 60 AR
Make	BCS
Model	VALIANT 600 AR
Make	PASQUALI
Model	EOS 5.60

Type

4 WD

Transmission

mechanical

Speed

30 km/h

Manufacturer

BCS S.p.A.

Testing Station

DISTAL – Italy



FERRARI
BCS
PASQUALI

COBRAM 60 AR – 4 WD
VALIANT 600 AS – 4 WD
EOS 5.60 – 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>		2282 cm ³
<i>Cooling</i>		Liquid

TRANSMISSION

<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	12	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	<i>Not</i>
<i>Number of splines</i>	6	<i>Available</i>

PTO TEST RESULTS

One hour test at maximum power

Power, Engine and Power take-off speed	32,1 kW	2600 min ⁻¹	584 min ⁻¹
Hourly and specific consumption		10,76 l/h	280 g/kWh
Hourly and specific urea consumption		-	-

Test at maximum power at rated engine speed

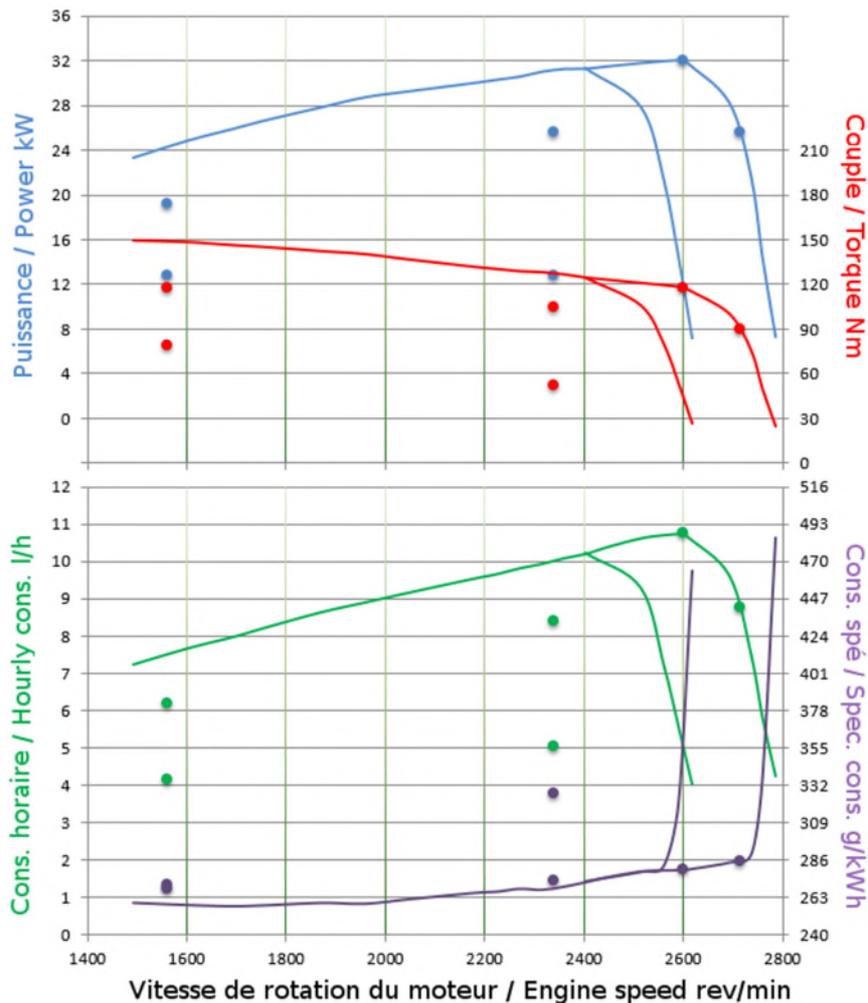
Power, Engine and Power take-off speed	32,1 kW	2600 min ⁻¹	584 min ⁻¹
Hourly and specific consumption		10,76 l/h	280 g/kWh
Hourly and specific urea consumption		-	-

Test at standard Power take-off speed

Power, Engine and Power take-off speed	31,3 kW	2403 min ⁻¹	540 min ⁻¹
Hourly and specific consumption		10,21 l/h	273 g/kWh
Hourly and specific urea consumption		-	-

Torque rise

Maximum torque, Engine speed corresponding		149,3 Nm	26,7 %
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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): 18 ± 1,0 MPa

HYDRAULIC PERFORMANCES

At maximum hydraulic power

Flow rate, Pressure, Power (couplers: 1 pair)	23,10 l/min	15,75 MPa	5,94 kW
Flow rate, Pressure, Power (couplers: 2 pairs or +)		<i>Not</i>	<i>Applicable</i>

POWER LIFT

Maximum lifting force

<i>at the hitch points</i>	8,87 kN
<i>at the frame</i>	5,54 kN

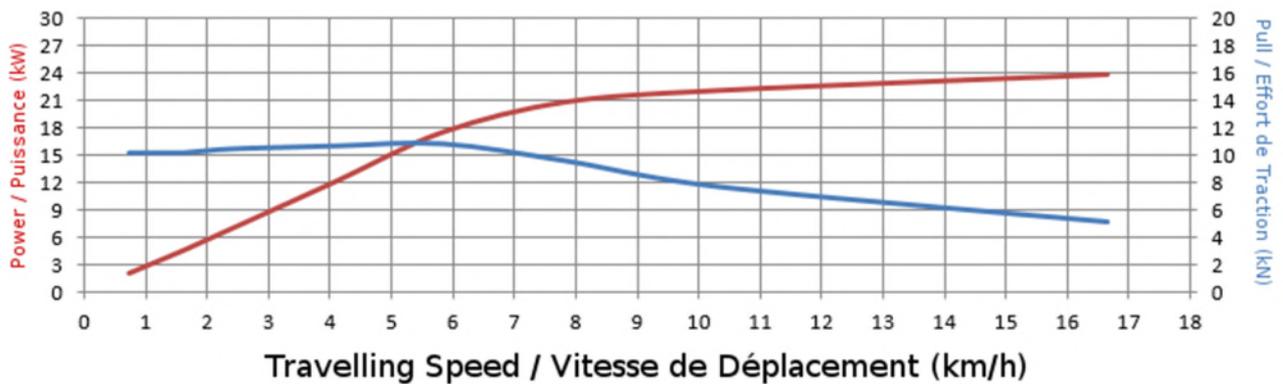


DRAWBAR TEST

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

UNBALLASTED

Total Mass	1378 kg
Maximum drawbar pull at speed of	10,79 kN 5,85 km/h
Maximum power at speed of	23,82 kW 16,65 km/h



BALLASTED

Not available