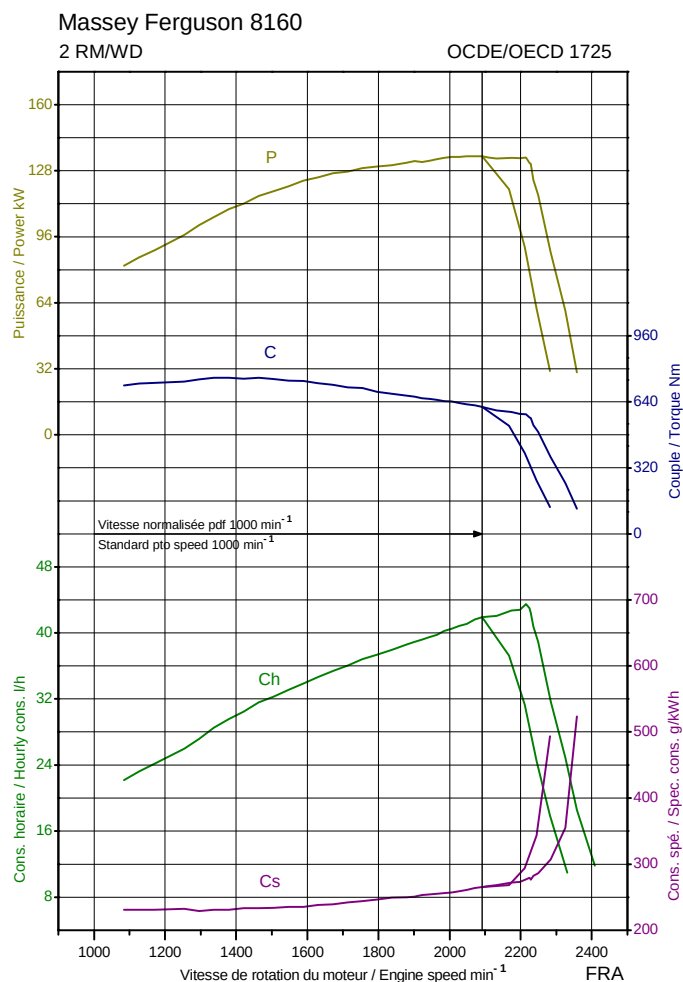




OECD approval number 1 725
Restricted Code
OECD approval date 23/12/1997
Make Massey Ferguson
Model 8160
Type 2 WD
 K145215A911A - 32 speeds - 40 km/h
Manufacturer Agco S.A.
Testing station: Cemagref, Antony, France



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Valmet	634 DWE
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	7365 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>	32	32
<i>Speed at rated engine speed</i>	from 2.48	to 35.89 km/h
<u>Standard Power take-off speed</u>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	596 min ⁻¹	1052 min ⁻¹
<i>Diameter of the shaft</i>	34.9 mm	34.9 mm
<i>Number of splines</i>	6	21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	135.1 kW	2092 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		41.89 l/h	265 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	134.4 kW	2215 min ⁻¹	1060 min ⁻¹
<i>Hourly and specific consumption</i>		43.52 l/h	277 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	135.1 kW	2092 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		41.89 l/h	265 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	758.0 Nm	1379 min ⁻¹	30.6 %
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Drawbar Test

<i>Front tyres, Rear tyres</i>	11.00 - 16	20.8 R 42
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	7320 kg	
<i>Maximum drawbar pull</i>	63.1 kN	Not
<i>at speed of</i>	2.26 km/h	required
<i>Maximum power</i>	116.4 kW	in
<i>at speed of</i>	11.14 km/h	Code 2

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Closed centre
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power</i>	79.5 l/min	16.2 MPa 21.5 kW
<u>Maximum lifting force</u>		
<i>at hitch points, at frame</i>	58.2 kN	53.1 kN

