



OECD approval number

1/1 811

OECD approval date

Full Code

05/03/1999

Make

Kukje

Model

F4350-DE

Type

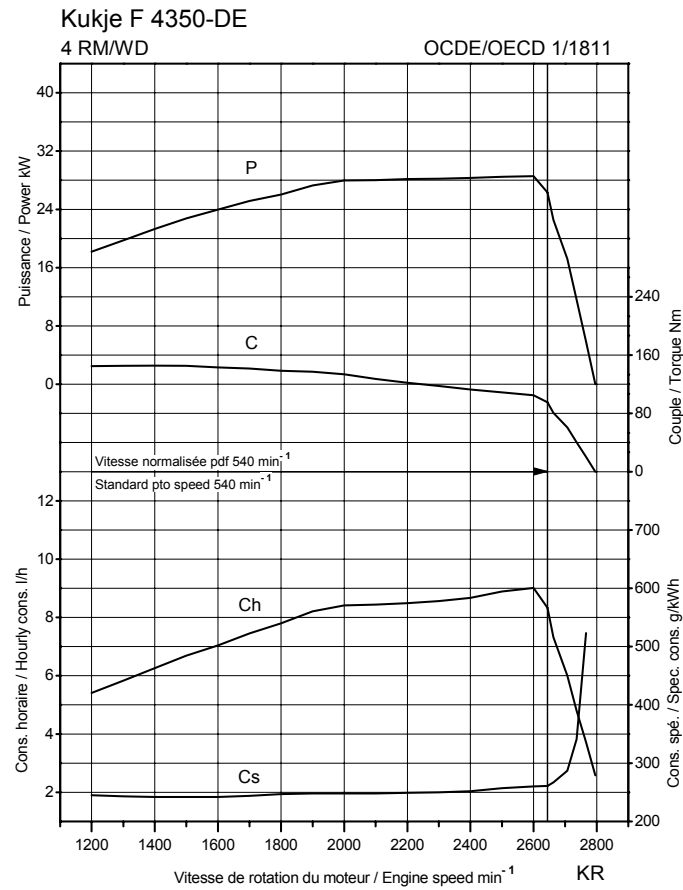
4 WD

Manufacturer

Kukje Machinery Co., Ltd.

Testing station:

NAMRI, Kyunggi-do, Korea



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Kukje	3D95T-ATL
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	2339 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	24	24
<i>Speed at rated engine speed</i>	from 0.21	to 23.38 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>	531 min ⁻¹	None
<i>Diameter of the shaft</i>	35 mm	
<i>Number of splines</i>	6	

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	28.6 kW	2600 min ⁻¹	531 min ⁻¹
<i>Hourly and specific consumption</i>		9.01 l/h	260 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	28.6 kW	2600 min ⁻¹	531 min ⁻¹
<i>Hourly and specific consumption</i>		9.01 l/h	260 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	26.3 kW	2644 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		8.33 l/h	261 g/kWh

Torque rise

		38.5 %	
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Maximum torque, Engine speed corresponding

	145.4 Nm	1400 min ⁻¹	
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Drawbar Test*Front tyres, Rear tyres*

	8 - 18	12.4 - 28
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Test with tractor

	<u>unballasted</u>	<u>ballasted</u>
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Total Mass

	1829 kg	1909 kg
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Maximum drawbar pull

	14.0 kN	14.3 kN
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at speed of

	2.66 km/h	1.68 km/h
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Maximum power

	25.3 kW	25.4 kW
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at speed of

	9.55 km/h	9.54 km/h
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Hydraulic Performance and Power Lift Test*Hydraulic system*

			Opened centre
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	29.1 l/min	12.8 MPa	6.2 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		12.7 kN	10.7 kN
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