



OECD approval number

1/1 810

OECD approval date

**Full Code
03/03/1999**

Make

Kukje

Model

F3550-DE

Type

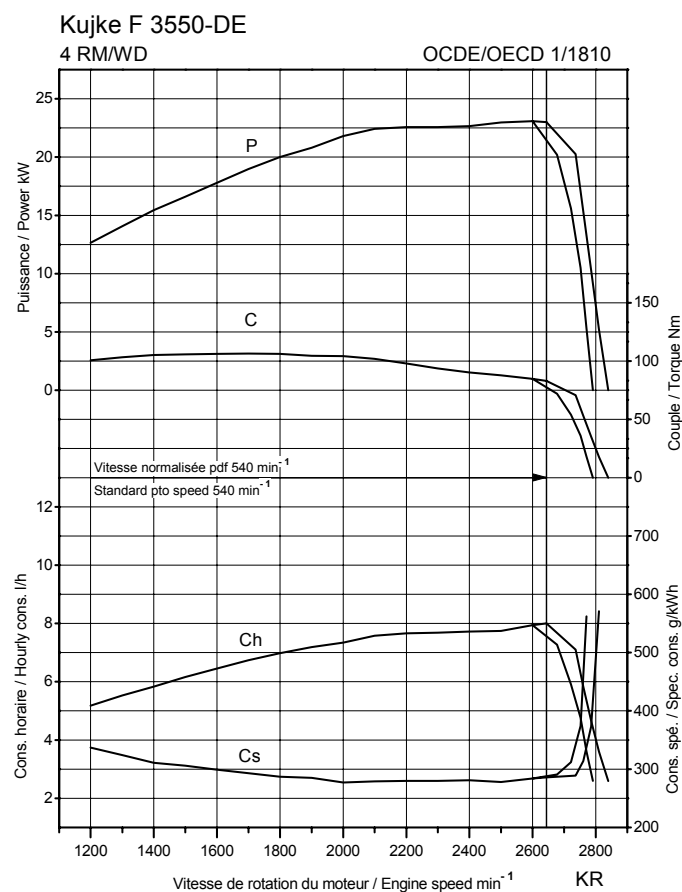
4 WD

Manufacturer

Kukje Machinery Co., Ltd.

Testing station:

NAMRI, Kyunggi-do, Korea



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Kukje	3T90L-AT
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	1794 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>	23.1 kW	2600 min ⁻¹	531 min ⁻¹
<i>Hourly and specific consumption</i>		7.94 l/h	284 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	23.1 kW	2600 min ⁻¹	531 min ⁻¹
<i>Hourly and specific consumption</i>		7.94 l/h	284 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	23.0 kW	2644 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		8.00 l/h	286 g/kWh

Torque rise

25.9 %

Maximum torque, Engine speed corresponding106.6 Nm 1700 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

8 - 18 12.4 - 28

Test with tractorunballasted ballasted*Total Mass*

1775 kg 1855 kg

Maximum drawbar pull

13.2 kN 13.8 kN

at speed of

1.72 km/h 2.03 km/h

Maximum power

20.2 kW 20.3 kW

at speed of

6.50 km/h 6.49 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	29.9 l/min	10.8 MPa	5.4 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		12.3 kN	10.6 kN
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