



OECD approval number

2/2 493

OECD approval date

03/07/2009

Make

New Holland

Model

T 6030 Range Command

Type

4 WD

BKKC7B - 18 speeds - Powershift - 40 km/h

Manufacturer:

CNH Europe Holding S.A.

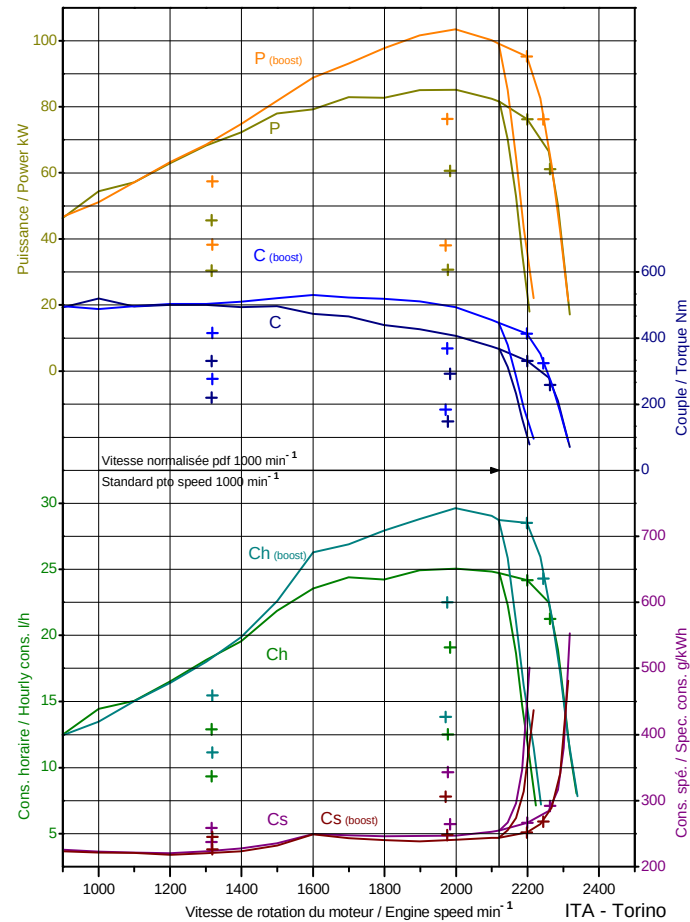
Testing station:

IMAMOTER, Torino, Italy

# New Holland T6030 Range Command

4 RM/WD

OCDE/OECD 2/2493



**Engine, Transmission, Power take-off Specifications**

|                                                   |                       |                        |
|---------------------------------------------------|-----------------------|------------------------|
| <i>Make, Model</i>                                | CNH                   | 667TA/EDF              |
| <i>Type, Supercharging</i>                        | Driven Transfert Pump | Yes                    |
| <i>Cylinders, Disposition</i>                     | 6                     | vertical in line       |
| <i>Capacity, Cooling</i>                          | 6728 cm <sup>3</sup>  | Liquid                 |
| <i>Gear box</i>                                   |                       | Mechanical powershift  |
| <i>Number of forward and reverse speeds</i>       | 18                    | 6                      |
| <i>Speed at rated engine speed</i>                | from 1.98             | to 40.80 km/h          |
| <i>Standard Power take-off speed</i>              | 540 min <sup>-1</sup> | 1000 min <sup>-1</sup> |
| <i>Power take-off speed at rated engine speed</i> | 603 min <sup>-1</sup> | 1038 min <sup>-1</sup> |
| <i>Diameter of the shaft</i>                      | 35 mm                 | 35 mm                  |
| <i>Number of splines</i>                          | 6                     | 21                     |

**Power take-off Test**Two hours test at maximum power

|                                               |         |                        |                       |
|-----------------------------------------------|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 85.2 kW | 2000 min <sup>-1</sup> | 944 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 25.06 l/h              | 247 g/kWh             |

Test at maximum power at rated engine speed

|                                               |         |                        |                        |
|-----------------------------------------------|---------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 76.2 kW | 2200 min <sup>-1</sup> | 1038 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 24.18 l/h              | 267 g/kWh              |

Test at standard Power take-off speed

|                                               |         |                        |                        |
|-----------------------------------------------|---------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 81.6 kW | 2121 min <sup>-1</sup> | 1001 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 24.70 l/h              | 254 g/kWh              |

Torque rise

|                                                   |          |                        |  |
|---------------------------------------------------|----------|------------------------|--|
|                                                   |          | 57.2 %                 |  |
| <u>Maximum torque, Engine speed corresponding</u> | 520.1 Nm | 1000 min <sup>-1</sup> |  |

**Drawbar Test**

|                                |                    |                  |
|--------------------------------|--------------------|------------------|
| <i>Front tyres, Rear tyres</i> | 540/65 R 28        | 650/65 R 38      |
| <u>Test with tractor</u>       | <u>unballasted</u> | <u>ballasted</u> |
| <i>Total Mass</i>              | 6000 kg            |                  |
| <i>Maximum drawbar pull</i>    | 54.1 kN            | Not              |
| <i>at speed of</i>             | 1.78 km/h          | required         |
| <i>Maximum power</i>           | 66.3 kW            |                  |
| <i>at speed of</i>             | 5.75 km/h          |                  |

**Hydraulic Performance and Power Lift Test**

|                                                            |            |          |               |
|------------------------------------------------------------|------------|----------|---------------|
| <i>Hydraulic system</i>                                    |            |          | Closed centre |
| <u>At maximum hydraulic power</u>                          |            |          |               |
| <i>Flow rate, Pressure, Power (couplers: 1 pair)</i>       | 94.1 l/min | 17.0 MPa | 26.7 kW       |
| <i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i> | 96.7 l/min | 19.0 MPa | 30.6 kW       |
| <u>Maximum lifting force</u>                               |            |          |               |
| <i>at the hitch points, at frame</i>                       | 42.2 kN    | 35.2 kN  |               |

