



OECD approval number

2/1 985

Restricted Code

OECD approval date

14/06/2002

Make

Renault

Model

Temis 610 X

Type

4 WD

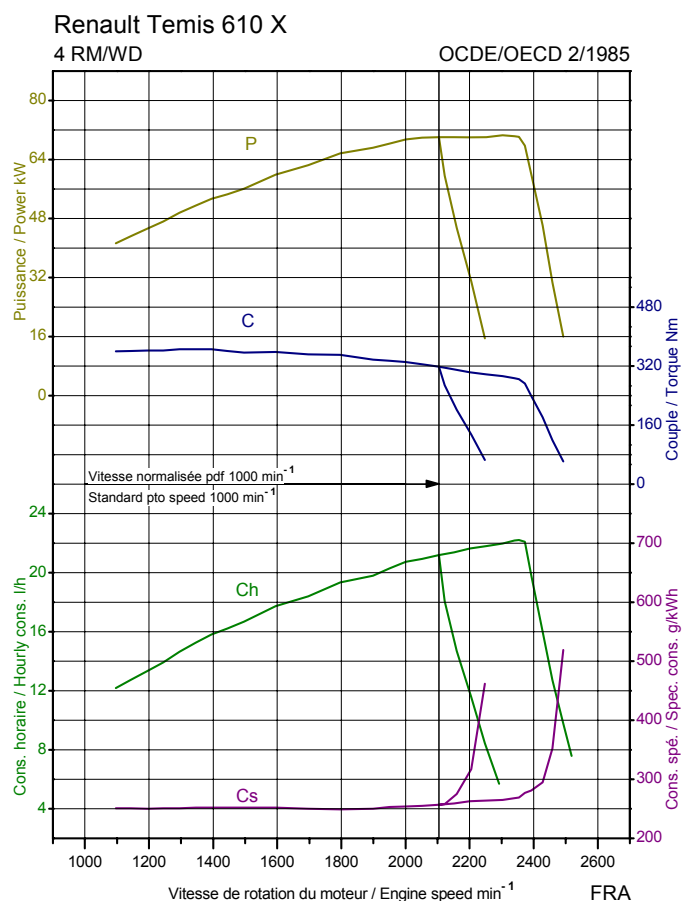
H3922DA - 40 km/h

Manufacturer

Renault Agriculture

Testing station:

Cemagref, Antony, France



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

|                                                   |                             |                              |
|---------------------------------------------------|-----------------------------|------------------------------|
| <i>Make, Model</i>                                | Iveco                       | 8065.05.800                  |
| <i>Type, Supercharging</i>                        | Direct injection            | None                         |
| <i>Cylinders, Disposition</i>                     | 6                           | vertical in line             |
| <i>Capacity, Cooling</i>                          | 5861 cm <sup>3</sup>        | Liquid                       |
| <i>Gear box</i>                                   |                             | Mechanical                   |
| <i>Number of forward and reverse speeds</i>       | 16                          | 16                           |
| <i>Speed at rated engine speed</i>                | from 2.51                   | to 35.66 km/h                |
| <u>Standard Power take-off speed</u>              | <u>540 min<sup>-1</sup></u> | <u>1000 min<sup>-1</sup></u> |
| <i>Power take-off speed at rated engine speed</i> | 644 min <sup>-1</sup>       | 1116 min <sup>-1</sup>       |
| <i>Diameter of the shaft</i>                      | 34.9 mm                     | 34.9 mm                      |
| <i>Number of splines</i>                          | 6                           | 6                            |

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

|                                               |         |                        |                        |
|-----------------------------------------------|---------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 70.6 kW | 2303 min <sup>-1</sup> | 1094 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 21.98 l/h              | 265 g/kWh              |

Test at maximum power at rated engine speed

|                                               |         |                        |                        |
|-----------------------------------------------|---------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 70.2 kW | 2354 min <sup>-1</sup> | 1118 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 22.22 l/h              | 269 g/kWh              |

Test at standard Power take-off speed

|                                               |         |                        |                        |
|-----------------------------------------------|---------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 70.1 kW | 2105 min <sup>-1</sup> | 1000 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 21.21 l/h              | 257 g/kWh              |

Torque rise

|                                                   |          |                        |
|---------------------------------------------------|----------|------------------------|
|                                                   |          | 28.5 %                 |
| <u>Maximum torque, Engine speed corresponding</u> | 365.6 Nm | 1346 min <sup>-1</sup> |

**Drawbar Test**

|                                |                    |                  |
|--------------------------------|--------------------|------------------|
| <i>Front tyres, Rear tyres</i> | 380/70 R 28        | 480/70 R 38      |
| <u>Test with tractor</u>       | <u>unballasted</u> | <u>ballasted</u> |
| <i>Total Mass</i>              | 5105 kg            |                  |
| <i>Maximum drawbar pull</i>    | 46.2 kN            | Not              |
| <i>at speed of</i>             | 2.35 km/h          | required         |
| <i>Maximum power</i>           | 65.3 kW            | in               |
| <i>at speed of</i>             | 11.93 km/h         | Code 2           |

**Power Lift and Hydraulic Performance Test**

|                                                        |            |                  |
|--------------------------------------------------------|------------|------------------|
| <i>Hydraulic system</i>                                |            | Opened centre    |
| <i>Maximum lifting force at hitch points, at frame</i> | 43.0 kN    | 32.5 kN          |
| <u>At maximum hydraulic power</u>                      |            |                  |
| <i>Flow rate, Pressure, Power</i>                      | 54.5 l/min | 15.9 MPa 14.5 kW |

