



OECD approval number

2/2 181

Restricted Code

OECD approval date

22/10/2004

Make

New Holland

Model

TD 60 D

Type

4 WD

D1S7AB - 12 speeds - 40 km/h

Manufacturer

TÜRK TRAKTÖR ve ZIRAAT MAKINALARI A.S.

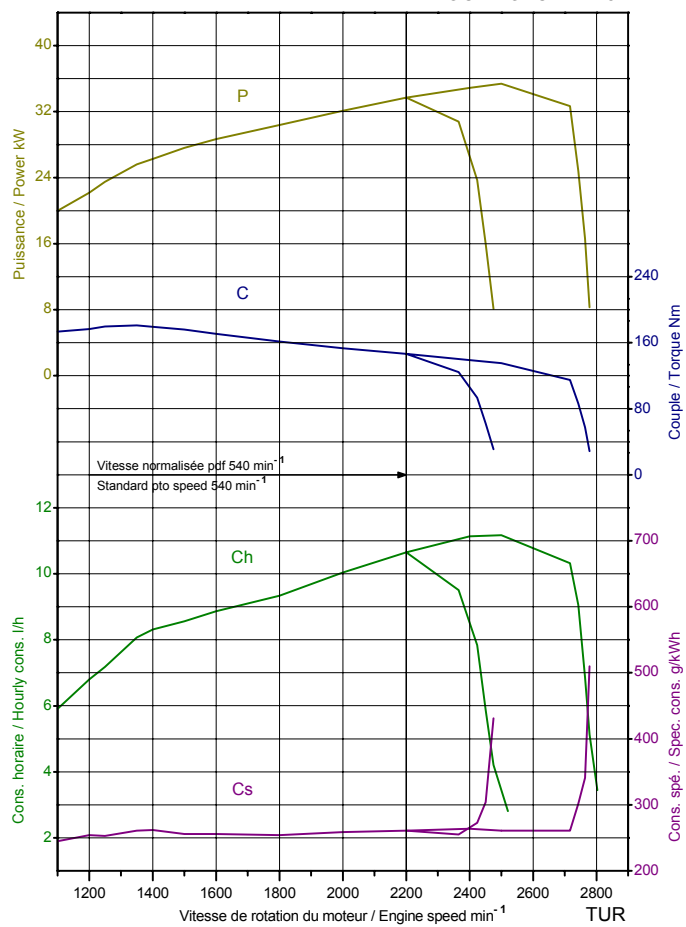
Testing station:

TAMTEST, Ankara, Turkey

New Holland TD 60 D

4 RM/WD

OCDE/OECD 2/2181



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

|                                                   |                             |                              |
|---------------------------------------------------|-----------------------------|------------------------------|
| <i>Make, Model</i>                                | Iveco                       | 8035.050                     |
| <i>Type, Supercharging</i>                        | Direct injection            | None                         |
| <i>Cylinders, Disposition</i>                     | 3                           | vertical in line             |
| <i>Capacity, Cooling</i>                          | 2931 cm <sup>3</sup>        | By water                     |
| <i>Gear box</i>                                   |                             | Mechanical synchronized      |
| <i>Number of forward and reverse speeds</i>       | 12                          | 12                           |
| <i>Speed at rated engine speed</i>                | from 2.09                   | to 34.48 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> | 614 min <sup>-1</sup>       | None                         |
| <i>Diameter of the shaft</i>                      | 34.9 mm                     |                              |
| <i>Number of splines</i>                          | 6                           |                              |

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

|                                               |         |                        |                       |
|-----------------------------------------------|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 35.4 kW | 2500 min <sup>-1</sup> | 614 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 11.17 l/h              | 261 g/kWh             |

Test at maximum power at rated engine speed

|                                               |         |                        |                       |
|-----------------------------------------------|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 35.4 kW | 2500 min <sup>-1</sup> | 614 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 11.17 l/h              | 261 g/kWh             |

Test at standard Power take-off speed

|                                               |         |                        |                       |
|-----------------------------------------------|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 33.7 kW | 2200 min <sup>-1</sup> | 540 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 10.65 l/h              | 261 g/kWh             |

Torque rise

|                                                   |  |          |                        |
|---------------------------------------------------|--|----------|------------------------|
| <i>Maximum torque, Engine speed corresponding</i> |  | 181.2 Nm | 1350 min <sup>-1</sup> |
|---------------------------------------------------|--|----------|------------------------|

**Drawbar Test***Front tyres, Rear tyres*

|                          |          |              |
|--------------------------|----------|--------------|
| <u>Test with tractor</u> | 9.5 - 24 | 14.9/13 - 30 |
|--------------------------|----------|--------------|

*Total Mass*

|  |             |           |
|--|-------------|-----------|
|  | unballasted | ballasted |
|--|-------------|-----------|

*Maximum drawbar pull*

|  |         |  |
|--|---------|--|
|  | 2756 kg |  |
|--|---------|--|

*at speed of*

|  |         |     |
|--|---------|-----|
|  | 25.1 kN | Not |
|--|---------|-----|

*Maximum power*

|  |           |          |
|--|-----------|----------|
|  | 2.00 km/h | required |
|--|-----------|----------|

*at speed of*

|  |         |    |
|--|---------|----|
|  | 29.7 kW | in |
|--|---------|----|

*at speed of*

|  |           |        |
|--|-----------|--------|
|  | 7.28 km/h | Code 2 |
|--|-----------|--------|

**Hydraulic Performance and Power Lift Test***Hydraulic system*

|  |  |               |
|--|--|---------------|
|  |  | Opened centre |
|--|--|---------------|

At maximum hydraulic power

|                                   |            |          |         |
|-----------------------------------|------------|----------|---------|
| <i>Flow rate, Pressure, Power</i> | 43.0 l/min | 17.0 MPa | 12.2 kW |
|-----------------------------------|------------|----------|---------|

Maximum lifting force

|                                  |  |         |         |
|----------------------------------|--|---------|---------|
| <i>at hitch points, at frame</i> |  | 27.6 kN | 17.8 kN |
|----------------------------------|--|---------|---------|

