



OECD approval number

2/2 019

Restricted Code

OECD approval date

12/11/2002

Make

New Holland

Model

TD 75 D

Type

2 WD

12 speeds - 30 km/h

Manufacturer

TÜRK TRAKTÖR ve ZIRAAT MAKINALARI A.S.

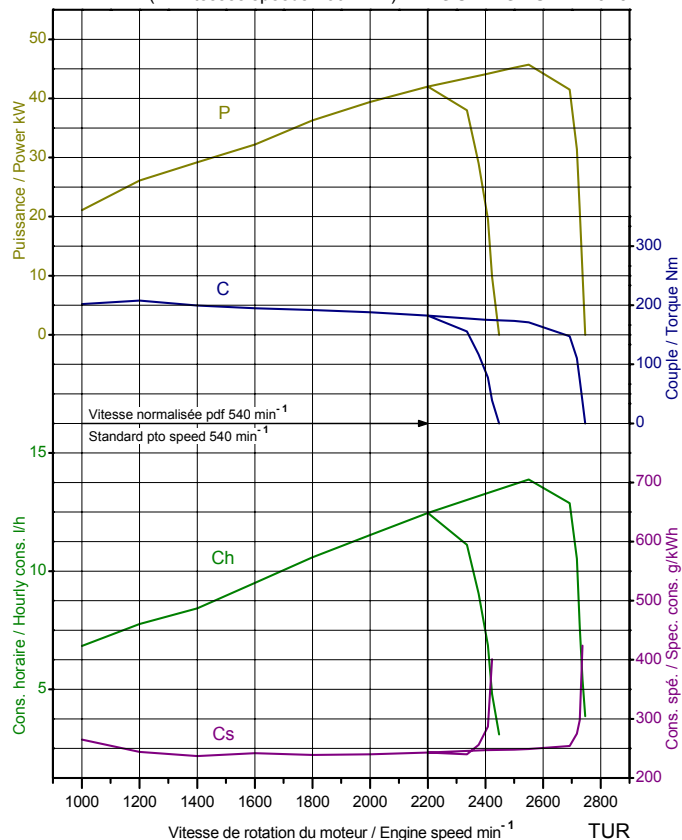
Testing station:

DAEMTC, Ankara, Turkey

# New Holland TD 75 D

2 RM/WD (12 vitesses/speeds - 30 km/h)

OCDE/OECD 2/2019



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

|                                                   |                      |                                                          |
|---------------------------------------------------|----------------------|----------------------------------------------------------|
| <i>Make, Model</i>                                | Iveco                | 8045.06-406                                              |
| <i>Type, Supercharging</i>                        | Direct injection     | None                                                     |
| <i>Cylinders, Disposition</i>                     | 4                    | vertical in line                                         |
| <i>Capacity, Cooling</i>                          | 3613 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 1.77 to 29.25 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> | 45.7 kW | 2550 min <sup>-1</sup> | 626 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 13.88 l/h              | 249 g/kWh             |

Test at maximum power at rated engine speed

|                                               |         |                        |                       |
|-----------------------------------------------|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 45.2 kW | 2500 min <sup>-1</sup> | 614 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 13.67 l/h              | 248 g/kWh             |

Test at standard Power take-off speed

|                                               |         |                        |                       |
|-----------------------------------------------|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 42.0 kW | 2200 min <sup>-1</sup> | 540 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 12.46 l/h              | 243 g/kWh             |

Torque rise

|                                                   |  |          |                        |
|---------------------------------------------------|--|----------|------------------------|
| <i>Maximum torque, Engine speed corresponding</i> |  | 207.8 Nm | 1200 min <sup>-1</sup> |
|---------------------------------------------------|--|----------|------------------------|

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

|                          |          |           |
|--------------------------|----------|-----------|
| <u>Test with tractor</u> | 7.5 - 16 | 16.9 - 34 |
|--------------------------|----------|-----------|

*Total Mass*

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

|                             |         |  |
|-----------------------------|---------|--|
| <i>Maximum drawbar pull</i> | 2814 kg |  |
|-----------------------------|---------|--|

|                    |         |     |
|--------------------|---------|-----|
| <i>at speed of</i> | 14.2 kN | Not |
|--------------------|---------|-----|

|                      |           |          |
|----------------------|-----------|----------|
| <i>Maximum power</i> | 1.68 km/h | required |
|----------------------|-----------|----------|

|                    |         |    |
|--------------------|---------|----|
| <i>at speed of</i> | 36.8 kW | in |
|--------------------|---------|----|

|  |            |        |
|--|------------|--------|
|  | 13.96 km/h | Code 2 |
|--|------------|--------|

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

|                                                        |         |               |
|--------------------------------------------------------|---------|---------------|
| <i>Maximum lifting force at hitch points, at frame</i> | 22.4 kN | Opened centre |
|--------------------------------------------------------|---------|---------------|

|                                   |  |         |
|-----------------------------------|--|---------|
| <u>At maximum hydraulic power</u> |  | 15.3 kN |
|-----------------------------------|--|---------|

|                                   |            |          |        |
|-----------------------------------|------------|----------|--------|
| <i>Flow rate, Pressure, Power</i> | 30.4 l/min | 16.0 MPa | 8.1 kW |
|-----------------------------------|------------|----------|--------|

