



OECD approval number

2/2 174

Restricted Code

OECD approval date

11/10/2004

Make

Case IH

Model

JX 75

Type

2 WD

12 speeds - North America - 30 km/h

Manufacturer

TÜRK TRAKTÖR ve ZIRAAT MAKINALARI A.S.

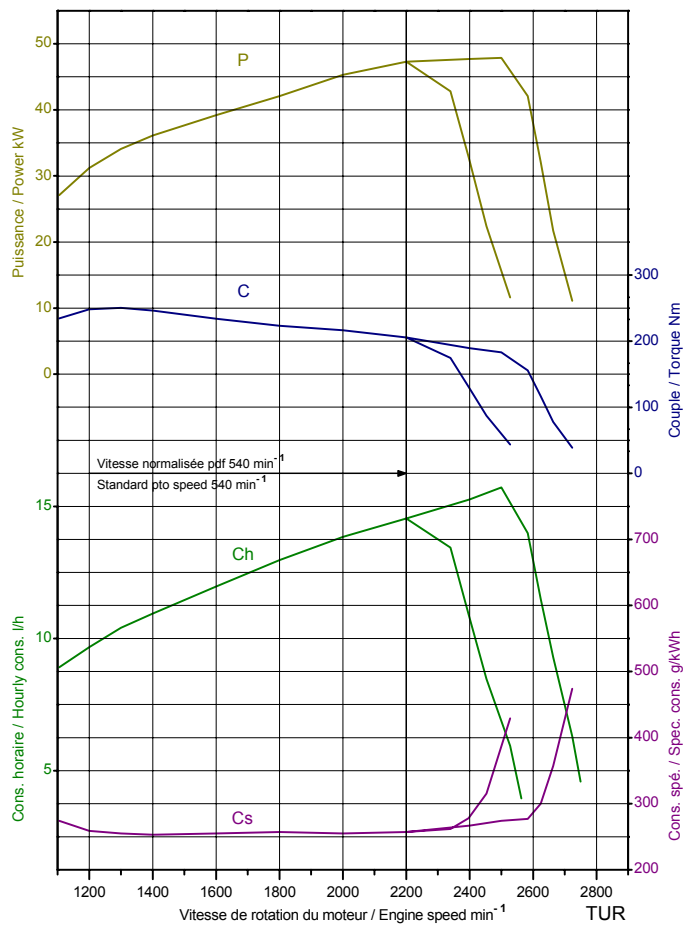
Testing station:

TAMTEST, Ankara, Turkey

Case IH JX 75

2 RM/WD

OCDE/OECD 2/2174



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

|                                                   |                      |                                                          |
|---------------------------------------------------|----------------------|----------------------------------------------------------|
| <i>Make, Model</i>                                | Iveco                | 8045.05 R                                                |
| <i>Type, Supercharging</i>                        | Direct injection     | None                                                     |
| <i>Cylinders, Disposition</i>                     | 4                    | vertical in line                                         |
| <i>Capacity, Cooling</i>                          | 3908 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> | 47.9 kW | 2500 min <sup>-1</sup> | 614 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 15.72 l/h              | 274 g/kWh             |

Test at maximum power at rated engine speed

|                                               |         |                        |                       |
|-----------------------------------------------|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 47.9 kW | 2500 min <sup>-1</sup> | 614 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 15.72 l/h              | 274 g/kWh             |

Test at standard Power take-off speed

|                                               |         |                        |                       |
|-----------------------------------------------|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 47.3 kW | 2200 min <sup>-1</sup> | 540 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 14.54 l/h              | 257 g/kWh             |

Torque rise

|  |  |        |
|--|--|--------|
|  |  | 36.7 % |
|--|--|--------|

|                                                   |          |                        |
|---------------------------------------------------|----------|------------------------|
| <u>Maximum torque, Engine speed corresponding</u> | 250.5 Nm | 1300 min <sup>-1</sup> |
|---------------------------------------------------|----------|------------------------|

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

|  |           |           |
|--|-----------|-----------|
|  | 9.00 - 16 | 16.9 R 34 |
|--|-----------|-----------|

|                          |                    |                  |
|--------------------------|--------------------|------------------|
| <u>Test with tractor</u> | <u>unballasted</u> | <u>ballasted</u> |
|--------------------------|--------------------|------------------|

*Total Mass*

|  |         |
|--|---------|
|  | 3135 kg |
|--|---------|

|                             |         |     |
|-----------------------------|---------|-----|
| <i>Maximum drawbar pull</i> | 20.9 kN | Not |
|-----------------------------|---------|-----|

|                    |           |          |
|--------------------|-----------|----------|
| <i>at speed of</i> | 3.72 km/h | required |
|--------------------|-----------|----------|

|                      |         |    |
|----------------------|---------|----|
| <i>Maximum power</i> | 36.6 kW | in |
|----------------------|---------|----|

|                    |           |        |
|--------------------|-----------|--------|
| <i>at speed of</i> | 9.06 km/h | Code 2 |
|--------------------|-----------|--------|

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

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

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

|                                   |            |          |         |
|-----------------------------------|------------|----------|---------|
| <i>Flow rate, Pressure, Power</i> | 53.7 l/min | 12.0 MPa | 10.7 kW |
|-----------------------------------|------------|----------|---------|

|                              |  |  |
|------------------------------|--|--|
| <u>Maximum lifting force</u> |  |  |
|------------------------------|--|--|

|                                  |         |         |
|----------------------------------|---------|---------|
| <i>at hitch points, at frame</i> | 20.0 kN | 14.4 kN |
|----------------------------------|---------|---------|

