

OECD approval number

2/1 758

Restricted Code

OECD approval date

26/05/1998

Make

Steyr

Model

9175

Type

4 WD

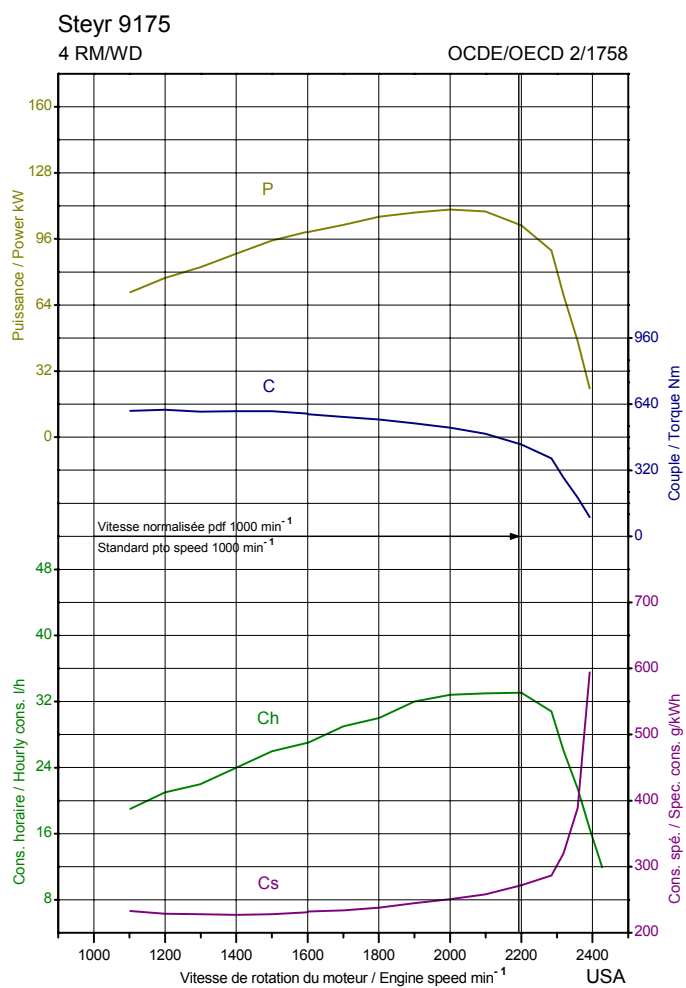
MFWD - 18 speeds - 30 km/h

Case Corporation

Manufacturer

Testing station:

Nebraska Tractor Test Laboratory, Lincoln, USA



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

|                                                   |                        |                                                          |
|---------------------------------------------------|------------------------|----------------------------------------------------------|
| <i>Make, Model</i>                                | Consolidated Diesel Co | 6T-830                                                   |
| <i>Type, Supercharging</i>                        | Direct injection       | Yes                                                      |
| <i>Cylinders, Disposition</i>                     | 6                      | vertical in line                                         |
| <i>Capacity, Cooling</i>                          | 8268 cm <sup>3</sup>   | Liquid                                                   |
| <i>Gear box</i>                                   |                        | Mechanical powershift                                    |
| <i>Number of forward and reverse speeds</i>       |                        | 18 4                                                     |
| <i>Speed at rated engine speed</i>                |                        | from 2.78 to 29.51 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> |                        | 547 min <sup>-1</sup> 1003 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> | 110.3 kW | 2000 min <sup>-1</sup> | 910 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |          | 32.82 l/h              | 251 g/kWh             |

Test at maximum power at rated engine speed

|                                               |          |                        |                        |
|-----------------------------------------------|----------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 102.5 kW | 2200 min <sup>-1</sup> | 1002 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |          | 33.06 l/h              | 272 g/kWh              |

Test at standard Power take-off speed

|                                               |          |                        |                        |
|-----------------------------------------------|----------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 102.5 kW | 2200 min <sup>-1</sup> | 1002 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |          | 33.06 l/h              | 272 g/kWh              |

Torque rise

38.0 %

Maximum torque, Engine speed corresponding614.0 Nm 1199 min<sup>-1</sup>**Drawbar Test***Front tyres, Rear tyres*

14.9 R 28 18.4 R 38

Test with tractorunballasted ballasted*Total Mass*

7818 kg 8523 kg

*Maximum drawbar pull*

73.5 kN 88.1 kN

*at speed of*

3.72 km/h 3.32 km/h

*Maximum power*

92.3 kW 96.1 kW

*at speed of*

6.69 km/h 5.84 km/h

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

Closed centre

At maximum hydraulic power

|                                   |             |          |         |
|-----------------------------------|-------------|----------|---------|
| <i>Flow rate, Pressure, Power</i> | 104.9 l/min | 14.1 MPa | 24.7 kW |
|-----------------------------------|-------------|----------|---------|

Maximum lifting force

|                                  |  |         |         |
|----------------------------------|--|---------|---------|
| <i>at hitch points, at frame</i> |  | 36.3 kN | 34.6 kN |
|----------------------------------|--|---------|---------|