

# SUMMARY OF OECD TEST 2517-NEBRASKA SUMMARY 695

## AGCO RT155A DIESEL

### 24 SPEED

#### POWER TAKE-OFF PERFORMANCE

| Power<br>HP<br>(kW)                            | Crank<br>shaft<br>speed<br>rpm | Gal/hr<br>(l/h)  | lb/hp.hr<br>(kg/kW.h) | Hp.hr/gal<br>(kW.h/l) | Mean Atmospheric<br>Conditions |
|--|--------------------------------|------------------|-----------------------|-----------------------|--------------------------------|
| <b>MAXIMUM POWER AND FUEL CONSUMPTION</b>      |                                |                  |                       |                       |                                |
| <b>Rated Engine Speed—(PTO speed—1100 rpm)</b> |                                |                  |                       |                       |                                |
| 165.8<br>(123.6)                               | 2200                           | 10.10<br>(38.24) | 0.434<br>(0.264)      | 16.41<br>(3.23)       |                                |
| <b>Standard Power Take-off Speed(1000 rpm)</b> |                                |                  |                       |                       |                                |
| 196.3<br>(146.4)                               | 2000                           | 10.52<br>(39.84) | 0.382<br>(0.232)      | 18.65<br>(3.67)       |                                |
| <b>Maximum Power (1 hour)</b>                  |                                |                  |                       |                       |                                |
| 196.3<br>(146.4)                               | 2000                           | 10.52<br>(39.84) | 0.382<br>(0.232)      | 18.65<br>(3.67)       |                                |

#### VARYING POWER AND FUEL CONSUMPTION

|                  |      |                  |                  |                 |                      |
|------------------|------|------------------|------------------|-----------------|----------------------|
| 165.8<br>(123.6) | 2200 | 10.10<br>(38.24) | 0.434<br>(0.264) | 16.41<br>(3.23) | Air temperature      |
| 142.1<br>(106.0) | 2220 | 8.69<br>(32.88)  | 0.435<br>(0.265) | 16.36<br>(3.22) | 68°F (20°C)          |
| 106.9<br>(79.7)  | 2226 | 6.92<br>(26.18)  | 0.460<br>(0.280) | 15.46<br>(3.05) | Relative humidity    |
| 71.6<br>(53.4)   | 2239 | 5.21<br>(19.72)  | 0.517<br>(0.315) | 13.75<br>(2.71) | 46%                  |
| 35.8<br>(26.7)   | 2248 | 3.52<br>(13.33)  | 0.698<br>(0.425) | 10.18<br>(2.01) | Barometer            |
| --               | 2253 | 2.11<br>(8.00)   | --               | --              | 29.9" Hg (101.3 kPa) |

Maximum Torque - 627.2 lb.-ft. (850.4 Nm) at 1250 rpm  
 Maximum Torque rise - 58.5%  
 Torque rise at 1750 engine rpm - 45%

#### DRAWBAR PERFORMANCE (Unballasted - Front Drive Engaged) FUEL CONSUMPTION CHARACTERISTICS

| Power<br>Hp<br>(kW)                                      | Drawbar<br>pull<br>lbs<br>(kN) | Speed<br>mph<br>(km/h) | Crank-<br>shaft<br>speed<br>rpm | Slip<br>% | Fuel Consumption<br>lb/hp.hr<br>(kg/kW.h) | Hp.hr/gal<br>(kW.h/l) | Temp. °F (°C)<br>cool-<br>ing<br>med | Air<br>dry<br>bulb | Barom.<br>inch<br>Hg<br>(kPa) |
|--|--------------------------------|------------------------|---------------------------------|-----------|---|-----------------------|--------------------------------------|--------------------|-------------------------------|
| <b>Maximum Power—11th(3A) Gear</b>                       |                                |                        |                                 |           |   |                       |                                      |                    |                               |
| 136.0<br>(101.4)   | 9680<br>(43.1)                 | 5.27<br>(8.48)         | 2191                            | 4.0       | 0.494<br>(0.300)                          | 14.37<br>(2.83)       | 185<br>(85)                          | 57<br>(14)         | 30.3<br>(102.7)               |
| <b>75% of Pull at Maximum Power—11th(3A) Gear</b>        |                                |                        |                                 |           |   |                       |                                      |                    |                               |
| 103.9<br>(77.5)  | 7240<br>(32.2)                 | 5.38<br>(8.66)         | 2203                            | 2.7       | 0.519<br>(0.316)                          | 13.65<br>(2.69)       | 183<br>(84)                          | 57<br>(14)         | 30.3<br>(102.7)               |
| <b>50% of Pull at Maximum Power—11th(3A) Gear</b>        |                                |                        |                                 |           |   |                       |                                      |                    |                               |
| 70.8<br>(52.8)   | 4890<br>(21.7)                 | 5.43<br>(8.74)         | 2210                            | 2.1       | 0.602<br>(0.366)                          | 11.78<br>(2.32)       | 183<br>(84)                          | 57<br>(14)         | 30.3<br>(102.7)               |
| <b>75% of Pull at Reduced Engine Speed—13th(3B) Gear</b> |                                |                        |                                 |           |   |                       |                                      |                    |                               |
| 103.7<br>(77.3)  | 7250<br>(32.2)                 | 5.36<br>(8.63)         | 1831                            | 4.0       | 0.464<br>(0.282)                          | 15.28<br>(3.01)       | 181<br>(83)                          | 57<br>(14)         | 30.3<br>(102.7)               |
| <b>50% of Pull at Reduced Engine Speed—13th(3B) Gear</b> |                                |                        |                                 |           |   |                       |                                      |                    |                               |
| 70.7<br>(52.7)   | 4875<br>(21.7)                 | 5.44<br>(8.75)         | 1844                            | 3.3       | 0.519<br>(0.316)                          | 13.65<br>(2.69)       | 181<br>(83)                          | 57<br>(14)         | 30.3<br>(102.7)               |

**Location of tests:** Groupement d'Antony, Parc de Touvoie, BP 44 Antony, France 92163

**Dates of tests:** January - April, 2009

**Manufacturer:** AGCO S.A. BP 307, Avenue Blaise Pascal, 60026 Beauvais, France

**FUEL and OIL:** Fuel No. 2 Diesel **Specific gravity converted to 60°/60°F (15°/15°C)** 0.855 **Fuel weight** 7.12 lbs/gal (0.853 kg/l) **Oil SAE 15W40 API service classification** CH4 **Transmission and hydraulic lubricant** BP Terrac Tractan 9 10W/40 **Front axle lubricant** BP Terrac Tractan 9 10W/40

**ENGINE:** Make Sisu Diesel **Type** six cylinder vertical with turbocharger and air to air intercooler **Serial No.** U22768 **Crankshaft** lengthwise **Rated engine speed** 2200 **Bore and stroke** 4.252" x 4.724" (108.0 mm x 120.0 mm) **Compression ratio** 18.5 to 1 **Displacement** 402 cu in (6596 ml) **Starting system** 12 volt **Lubrication** pressure **Air cleaner** two paper elements **Oil filter** one full flow cartridge **Oil cooler** engine coolant heat exchanger for crankcase oil, radiator for hydraulic and transmission oil **Fuel filter** one paper element **Muffler** underhood **Exhaust** vertical **Cooling medium temperature control** thermostat and variable speed fan

**CHASSIS:** **Type** front wheel assist **Serial No.** T276002 **Tread width** rear 60.0" (1524 mm) to 119.0" (3022 mm) front 60.0" (1524 mm) to 80.0" (2032 mm) **Wheelbase** 118.5" (3011 mm) **Hydraulic control system** direct engine drive **Transmission** selective gear fixed ratio with partial (6) range operator controlled powershift **Nominal travel speeds mph (km/h)** first 1.06 (1.70) second 1.27 (2.04) third 1.49 (2.40) fourth 1.79 (2.88) fifth 2.11 (3.39) sixth 2.54 (4.08) seventh 2.85 (4.59) eighth 3.43 (5.52) ninth 4.03 (6.48) tenth 4.84 (7.79) eleventh 5.46 (8.79) twelfth 5.70 (9.17) thirteenth 6.57 (10.57) fourteenth 6.85 (11.03) fifteenth 7.71 (12.40) sixteenth 9.28 (14.93) seventeenth 10.91 (17.55) eighteenth 12.40 (19.96) nineteenth 13.12 (21.12) twentieth 14.91 (23.99) twenty-first 17.50 (28.16) twenty-second 21.05 (33.88) twenty-third 24.76 (39.84) twenty-fourth 24.86 (40.00) reverse 1.06 (1.70), 1.27 (2.04), 1.49 (2.40), 1.79 (2.88), 2.11 (3.39), 2.54 (4.08), 2.85 (4.59), 3.43 (5.52), 4.03 (6.48), 4.84 (7.79), 5.46 (8.79), 5.70 (9.17), 6.57 (10.57), 6.85 (11.03), 7.71 (12.40), 9.28 (14.93), 10.91 (17.55), 12.40 (19.96), 13.12 (21.12), 14.91 (23.99), 17.50 (28.16), 21.05 (33.88), 24.76 (39.84), 24.86 (40.00)

**DRAWBAR PERFORMANCE**  
**(Unballasted - Front Drive Engaged)**  
**MAXIMUM POWER IN SELECTED GEARS**

| Power<br>Hp<br>(kW) | Drawbar<br>pull<br>lbs<br>(kN) | Speed<br>mph<br>(km/h) | Crank-<br>shaft<br>speed<br>rpm | Slip<br>% | Fuel<br>Consumption<br>lb/hp.hr<br>(kg/kW.h) | Consumption<br>Hp.hr/gal<br>(kW.h/l) | Temp. °F(°C)<br>cool-<br>ing<br>med | Air<br>dry<br>bulb | Barom.<br>inch<br>Hg<br>(kPa) |
|---------------------|--------------------------------|------------------------|---------------------------------|-----------|--|--------------------------------------|-------------------------------------|--------------------|-------------------------------|
| 4th(1D) Gear        |                                |                        |                                 |           |  |                                      |                                     |                    |                               |
| 65.0<br>(48.5)      | 15510<br>(69.0)                | 1.57<br>(2.53)         | 2204                            | 13.5      | 0.699<br>(0.425)                             | 10.15<br>(2.00)                      | 180<br>(82)                         | 52<br>(11)         | 30.3<br>(102.7)               |
| 5th(1E) Gear        |                                |                        |                                 |           |  |                                      |                                     |                    |                               |
| 75.2<br>(56.1)      | 15105<br>(67.2)                | 1.87<br>(3.01)         | 2204                            | 12.0      | 0.641<br>(0.390)                             | 11.07<br>(2.18)                      | 180<br>(82)                         | 53<br>(12)         | 30.3<br>(102.7)               |
| 6th(1F) Gear        |                                |                        |                                 |           |  |                                      |                                     |                    |                               |
| 91.2<br>(68.0)      | 14925<br>(66.4)                | 2.29<br>(3.69)         | 2200                            | 10.4      | 0.595<br>(0.362)                             | 11.92<br>(2.35)                      | 181<br>(83)                         | 52<br>(11)         | 30.3<br>(102.7)               |
| 7th(2A) Gear        |                                |                        |                                 |           |  |                                      |                                     |                    |                               |
| 103.3<br>(77.0)     | 14925<br>(66.4)                | 2.60<br>(4.18)         | 2195                            | 9.8       | 0.544<br>(0.331)                             | 12.55<br>(2.57)                      | 181<br>(83)                         | 53<br>(12)         | 30.3<br>(102.7)               |
| 8th(2B) Gear        |                                |                        |                                 |           |  |                                      |                                     |                    |                               |
| 124.2<br>(92.6)     | 14760<br>(65.7)                | 3.16<br>(5.08)         | 2194                            | 8.7       | 0.512<br>(0.311)                             | 13.05<br>(2.73)                      | 181<br>(83)                         | 52<br>(11)         | 30.3<br>(102.7)               |
| 9th(2C) Gear        |                                |                        |                                 |           |  |                                      |                                     |                    |                               |
| 140.4<br>(104.7)    | 14545<br>(64.7)                | 3.62<br>(5.83)         | 2139                            | 8.6       | 0.496<br>(0.301)                             | 14.31<br>(2.82)                      | 183<br>(84)                         | 53<br>(12)         | 30.3<br>(102.7)               |
| 10th(2D) Gear       |                                |                        |                                 |           |  |                                      |                                     |                    |                               |
| 156.8<br>(116.9)    | 14430<br>(64.2)                | 4.07<br>(6.56)         | 2002                            | 8.6       | 0.454<br>(0.276)                             | 15.63<br>(3.08)                      | 189<br>(87)                         | 53<br>(12)         | 30.3<br>(102.7)               |
| 11th(3A) Gear       |                                |                        |                                 |           |  |                                      |                                     |                    |                               |
| 167.4<br>(124.8)    | 13520<br>(60.1)                | 4.64<br>(7.47)         | 2000                            | 8.1       | 0.452<br>(0.275)                             | 15.68<br>(3.09)                      | 189<br>(87)                         | 57<br>(14)         | 30.3<br>(102.7)               |
| 12th(2E) Gear       |                                |                        |                                 |           |  |                                      |                                     |                    |                               |
| 157.0<br>(117.1)    | 12005<br>(53.4)                | 4.90<br>(7.89)         | 1997                            | 6.1       | 0.455<br>(0.277)                             | 15.58<br>(3.07)                      | 185<br>(85)                         | 53<br>(12)         | 30.3<br>(102.7)               |
| 13th(3B) Gear       |                                |                        |                                 |           |  |                                      |                                     |                    |                               |
| 171.2<br>(127.7)    | 11240<br>(50.0)                | 5.71<br>(9.19)         | 1999                            | 5.9       | 0.444<br>(0.270)                             | 15.99<br>(3.15)                      | 190<br>(88)                         | 57<br>(14)         | 30.3<br>(102.7)               |
| 14th(2F) Gear       |                                |                        |                                 |           |  |                                      |                                     |                    |                               |
| 159.2<br>(118.7)    | 9915<br>(44.1)                 | 6.02<br>(9.69)         | 2000                            | 4.3       | 0.450<br>(0.274)                             | 15.77<br>(3.11)                      | 187<br>(86)                         | 53<br>(12)         | 30.3<br>(102.7)               |
| 15th(3C) Gear       |                                |                        |                                 |           |  |                                      |                                     |                    |                               |
| 173.1<br>(129.1)    | 9645<br>(42.9)                 | 6.73<br>(10.83)        | 1998                            | 4.7       | 0.437<br>(0.266)                             | 16.24<br>(3.20)                      | 190<br>(88)                         | 57<br>(14)         | 30.3<br>(102.7)               |
| *16th(3D) Gear      |                                |                        |                                 |           |  |                                      |                                     |                    |                               |
| 171.0<br>(127.5)    | 8085<br>(36.0)                 | 7.93<br>(12.76)        | 2000                            | 5.9       | 0.459<br>(0.279)                             | 15.44<br>(3.04)                      | 190<br>(88)                         | 59<br>(15)         | 30.3<br>(102.7)               |

\*Front Drive disengaged

**Clutch** multiple wet disc operated by foot pedal  
**Brakes** multiple wet disc hydraulically operated by two foot pedals that can be locked together  
**Steering** hydrostatic **Power take-off** 540 rpm at 1998 engine rpm or 1000 rpm at 2000 engine rpm  
**Unladen tractor mass** 16850 lb (7645 kg)

**NOTE 1:** The engine on this tractor is electronically controlled to give 2 power levels. A "boosted" level is available when the PTO is engaged, tractor stationary, and when the tractor is operated in ranges 3 and 4.

**NOTE 2:** The data on this summary was obtained from OECD report 2517 conducted on the Massey Ferguson 6495 Diesel.

**REPAIRS AND ADJUSTMENTS:** No repairs or adjustments

**REMARKS:** All test results were determined from observed data obtained in accordance with official OECD test procedures. This tractor did not meet the manufacturer's three point lift claim of 16500 lbs (7480 kg). The performance figures on this summary were taken from a test conducted under the OECD Code 2 test procedure.

We, the undersigned, certify that this is a true summary of data from OECD Report No. **2517**, Nebraska Summary 695, February 2, 2010.

Roger M. Hoy  
 Director

M.F. Kocher  
 V.I. Adamchuk  
 J.A. Smith  
 Board of Tractor Test Engineers

**TIRES, BALLAST AND WEIGHT**

**Rear tires** - No., size, ply & psi (kPa)  
 Ballast - Duals (total)  
 - Cast iron (total)  
**Front tires** - No., size, ply & psi (kPa)  
 Ballast - Liquid (total)  
 - Cast Iron (total)  
**Height of Drawbar**  
**Static Weight with operator**- Rear  
 - Front  
 - Total

**With Ballast**

Four 480/80R46; \*\*\*; 12(80)  
 1785 lb (810 kg)  
 880 lb (400 kg)  
 Two 420/90R30; \*\*; 12(80)  
 None  
 1700 lb (770 kg)  
 22.4 in (570 mm)  
 12435 lb (5640 kg)  
 8995 lb (4080 kg)  
 21430 lb (9720 kg)

**Without Ballast**

Two 480/80R46; \*\*\*; 15(100)  
 None  
 None  
 Two 420/90R30; \*\*; 16(110)  
 None  
 None  
 22.4 in (570 mm)  
 10240 lb (4645 kg)  
 6825 lb (3095 kg)  
 17065 lb (7740 kg)

**DRAWBAR PERFORMANCE**  
**(Ballasted - Front Drive Engaged)**  
**MAXIMUM POWER IN SELECTED GEARS**

| Power<br>Hp<br>(kW) | Drawbar<br>pull<br>lbs<br>(kN) | Speed<br>mph<br>(km/h) | Crank-<br>shaft<br>speed<br>rpm | Slip<br>% | Fuel Consumption<br>lb/hp.hr<br>(kg/kW.h) | Consumption<br>Hp.hr/gal<br>(kW.h/l) | Temp.°F (°C)<br>cool-<br>ing<br>med | Air<br>dry<br>bulb | Barom.<br>inch<br>Hg<br>(kPa) |
|---------------------|--------------------------------|------------------------|---------------------------------|-----------|---|--------------------------------------|-------------------------------------|--------------------|-------------------------------|
| 53.4<br>(39.8)      | 21445<br>(95.4)                | 0.93<br>(1.50)         | 2202                            | 12.9      | 0.744<br>(0.453)                          | 9.53<br>(1.88)                       | 180<br>(82)                         | 52<br>(11)         | 29.5<br>(99.9)                |
| 1st(1A) Gear        |                                |                        |                                 |           |   |                                      |                                     |                    |                               |
| 64.0<br>(47.7)      | 21290<br>(94.7)                | 1.13<br>(1.81)         | 2192                            | 12.6      | 0.665<br>(0.404)                          | 10.67<br>(2.10)                      | 180<br>(82)                         | 52<br>(11)         | 29.5<br>(99.9)                |
| 2nd(1B) Gear        |                                |                        |                                 |           |   |                                      |                                     |                    |                               |
| 74.6<br>(55.6)      | 21130<br>(94.0)                | 1.32<br>(2.13)         | 2200                            | 12.5      | 0.644<br>(0.392)                          | 11.01<br>(2.17)                      | 181<br>(83)                         | 52<br>(11)         | 29.5<br>(99.9)                |
| 3rd(1C) Gear        |                                |                        |                                 |           |   |                                      |                                     |                    |                               |
| 89.3<br>(66.6)      | 21020<br>(93.5)                | 1.59<br>(2.56)         | 2192                            | 12.4      | 0.602<br>(0.366)                          | 11.78<br>(2.32)                      | 180<br>(82)                         | 54<br>(12)         | 29.5<br>(99.9)                |
| 4th(1D) Gear        |                                |                        |                                 |           |   |                                      |                                     |                    |                               |
| 105.1<br>(78.4)     | 20885<br>(92.9)                | 1.89<br>(3.04)         | 2190                            | 10.9      | 0.577<br>(0.351)                          | 12.28<br>(2.42)                      | 183<br>(84)                         | 52<br>(11)         | 29.5<br>(99.9)                |
| 5th(1E) Gear        |                                |                        |                                 |           |   |                                      |                                     |                    |                               |
| 126.3<br>(94.2)     | 20390<br>(90.7)                | 2.32<br>(3.74)         | 2178                            | 9.1       | 0.538<br>(0.327)                          | 13.20<br>(2.60)                      | 187<br>(86)                         | 52<br>(11)         | 29.5<br>(99.9)                |
| 6th(1F) Gear        |                                |                        |                                 |           |   |                                      |                                     |                    |                               |
| 138.8<br>(103.5)    | 20100<br>(89.4)                | 2.59<br>(4.17)         | 2150                            | 8.9       | 0.502<br>(0.305)                          | 14.13<br>(2.78)                      | 187<br>(86)                         | 52<br>(11)         | 29.5<br>(100.0)               |
| 7th(2A) Gear        |                                |                        |                                 |           |   |                                      |                                     |                    |                               |
| 154.1<br>(114.9)    | 19955<br>(88.8)                | 2.90<br>(4.66)         | 2005                            | 8.8       | 0.469<br>(0.285)                          | 15.13<br>(2.98)                      | 187<br>(86)                         | 52<br>(11)         | 29.5<br>(99.9)                |
| 8th(2B) Gear        |                                |                        |                                 |           |   |                                      |                                     |                    |                               |
| 159.8<br>(119.2)    | 17105<br>(76.1)                | 3.50<br>(5.64)         | 2002                            | 5.8       | 0.450<br>(0.274)                          | 15.74<br>(3.10)                      | 189<br>(87)                         | 52<br>(11)         | 29.5<br>(99.9)                |
| 9th(2C) Gear        |                                |                        |                                 |           |   |                                      |                                     |                    |                               |
| 163.2<br>(121.7)    | 14355<br>(63.8)                | 4.26<br>(6.86)         | 2002                            | 4.7       | 0.439<br>(0.267)                          | 16.14<br>(3.18)                      | 190<br>(88)                         | 52<br>(11)         | 29.5<br>(99.9)                |
| 10th(2D) Gear       |                                |                        |                                 |           |   |                                      |                                     |                    |                               |
| 171.8<br>(128.1)    | 13375<br>(59.5)                | 4.82<br>(7.75)         | 2001                            | 4.6       | 0.442<br>(0.269)                          | 16.04<br>(3.16)                      | 190<br>(88)                         | 52<br>(11)         | 29.5<br>(99.9)                |
| 11th(3A) Gear       |                                |                        |                                 |           |   |                                      |                                     |                    |                               |
| 159.6<br>(119.0)    | 11825<br>(52.6)                | 5.06<br>(8.14)         | 2001                            | 4.1       | 0.451<br>(0.274)                          | 15.73<br>(3.10)                      | 189<br>(87)                         | 52<br>(11)         | 29.5<br>(99.9)                |
| 12th(2E) Gear       |                                |                        |                                 |           |   |                                      |                                     |                    |                               |
| 173.1<br>(129.1)    | 11150<br>(49.6)                | 5.82<br>(9.37)         | 1999                            | 4.1       | 0.440<br>(0.268)                          | 16.13<br>(3.18)                      | 190<br>(88)                         | 52<br>(11)         | 29.5<br>(99.9)                |
| 13th(3B) Gear       |                                |                        |                                 |           |   |                                      |                                     |                    |                               |
| 161.5<br>(120.4)    | 9945<br>(44.2)                 | 6.09<br>(9.80)         | 1998                            | 3.7       | 0.445<br>(0.271)                          | 15.94<br>(3.14)                      | 189<br>(87)                         | 52<br>(11)         | 29.5<br>(99.9)                |
| 14th(2F) Gear       |                                |                        |                                 |           |   |                                      |                                     |                    |                               |
| 173.8<br>(129.6)    | 9500<br>(42.3)                 | 6.86<br>(11.04)        | 1994                            | 3.2       | 0.441<br>(0.268)                          | 16.09<br>(3.17)                      | 189<br>(89)                         | 52<br>(11)         | 29.5<br>(99.9)                |
| 15th(3C) Gear       |                                |                        |                                 |           |   |                                      |                                     |                    |                               |
| 173.5<br>(129.4)    | 8015<br>(35.7)                 | 8.12<br>(13.06)        | 1994                            | 4.0       | 0.435<br>(0.265)                          | 16.29<br>(3.21)                      | 189<br>(87)                         | 52<br>(11)         | 29.5<br>(100.0)               |
| *16th(3D) Gear      |                                |                        |                                 |           |   |                                      |                                     |                    |                               |

\*Front Drive disengaged

**TRACTOR SOUND LEVEL WITH CAB**

**dB(A)**

|                              |      |
|------------------------------|------|
| At no load in 10th (2D) gear | 69.0 |
| Bystander                    | --   |

**HYDRAULIC PERFORMANCE**

CATEGORY: III

Quick Attach: None

OECD Static test

|   |                        |                        |
|---|------------------------|------------------------|
| Maximum force exerted through whole range:      | 13490 lbs (60.0 kN)    |                        |
|   | <u>Standard pump</u>   | <u>High flow pump</u>  |
| i) Sustained pressure of the open relief valve: | 2845 psi (196 bar)     | 2830 psi (195 bar)     |
| ii) Pump delivery rate at minimum pressure:     | 30.5 GPM (115.6 l/min) | 39.8 GPM (150.5 l/min) |
| iii) Pump delivery rate at maximum              |                        |                        |
| hydraulic power:                                | 26.5 GPM (100.2 l/min) | 36.2 GPM (137.1 l/min) |
| Delivery pressure:                              | 2290 psi (158 bar)     | 1855 psi (128 bar)     |
| Power:  | 35.4 Hp (26.4 kW)      | 39.3 HP (29.3 kW)      |

**HITCH DIMENSIONS AS TESTED—NO LOAD**

|   | OECD test |      | SAE test |      |
|---|-----------|------|----------|------|
|   | inch      | mm   | inch     | mm   |
| A | 29.3      | 745  | 29.5     | 750  |
| B | 15.7      | 400  | 15.7     | 400  |
| C | 20.7      | 525  | 20.7     | 525  |
| D | 19.1      | 485  | 19.1     | 485  |
| E | 8.3       | 210  | 11.6     | 295  |
| F | 12.2      | 310  | 12.2     | 310  |
| G | 36.4      | 925  | 36.4     | 925  |
| H | 2.8       | 70   | 2.8      | 70   |
| I | 17.7      | 450  | 16.9     | 430  |
| J | 24.2      | 615  | 24.2     | 615  |
| K | 21.8      | 554  | 21.8     | 554  |
| L | 46.6      | 1183 | 46.6     | 1183 |
| M | 23.0      | 583  | 23.0     | 583  |
| N | 36.4      | 925  | 36.4     | 925  |
| O | 9.3       | 235  | 9.3      | 235  |
| P | 51.2      | 1300 | 46.2     | 1174 |
| Q | 42.0      | 1066 | 42.0     | 1066 |
| R | 36.3      | 923  | 36.3     | 923  |

**THREE POINT HITCH PERFORMANCE - SAE Test**

|                                      |                |
|--------------------------------------|----------------|
| Observed Maximum Pressure psi. (bar) | 2830 (195)     |
| Location:                            | lift cylinder  |
| Hydraulic oil temperature: °F (°C)   | 145 (63)       |
| Location:                            | hydraulic sump |
| Category:                            | III            |
| Quick attach:                        | None           |

**SAE Static Test—System pressure 2540 psi (175 bar)**

|   |            |            |            |            |            |             |
|---|------------|------------|------------|------------|------------|-------------|
| Hitch point distance to ground level in. (mm) | 11.8 (296) | 16.4 (471) | 24.2 (620) | 30.1 (774) | 35.4 (921) | 41.3 (1110) |
| Lift force on frame lb                        | 15735      | 16140      | 16390      | 16455      | 16165      | 15490       |
| " " " " " " (kN)                              | (70.0)     | (71.8)     | (72.9)     | (73.2)     | (71.9)     | (68.9)      |

