2015

Test 2107: John Deere 9370R

Nebraska Tractor Test Lab
University of Nebraska-Lincoln, tractortestlab@unl.edu

NEBRASKA OECD TRACTOR TEST 2107–SUMMARY 970
JOHN DEERE 9370R DIESEL
18 SPEED

POWER TAKE-OFF PERFORMANCE

Power HP *(kW)*	Crank shaft speed rpm	Diesel Consumption Gal/hr *(l/h)*	lb/hp.hr *(kg/kW.h)*	D.E.F. Consumption Hp.hr/gal *(kW.h/l)*	D.E.F. Consumption Gal/hr *(l/h)*	Mean Atmospheric Conditions
MAXIMUM POWER AND FUEL CONSUMPTION SEE NOTE 1 - PAGE 2						
Rated Engine Speed—(PTO speed—1108 rpm)						
307.66 *(229.42)*	2099	17.33 *(65.62)*	0.396 *(0.241)*	17.75 *(3.50)*	0.36 *(1.36)*	Fuel used during active exhaust regeneration-1.29 gal *(4.88 l)* (see note 2, p.2)
Standard Power Take-off Speed(1000 rpm)						
352.25 *(262.68)*	1895	19.02 *(72.02)*	0.380 *(0.231)*	18.52 *(3.65)*	0.45 *(1.70)*	
Maximum Power (1 hour)						
354.60 *(264.43)*	1800	19.08 *(72.24)*	0.378 *(0.230)*	18.58 *(3.66)*	0.46 *(1.73)*	
VARYING POWER AND FUEL CONSUMPTION						
307.66 *(229.42)*	2099	17.33 *(65.62)*	0.396 *(0.241)*	17.75 *(3.50)*	0.36 *(1.36)*	Air temperature
268.10 *(199.92)*	2150	15.35 *(58.12)*	0.403 *(0.245)*	17.46 *(3.44)*	0.36 *(1.36)*	73°F *(23°C)*
200.89 *(149.80)*	2150	12.34 *(46.71)*	0.432 *(0.263)*	16.28 *(3.21)*	0.28 *(1.06)*	Relative humidity
133.92 *(99.87)*	2150	9.39 *(35.53)*	0.493 *(0.300)*	14.27 *(2.81)*	0.25 *(0.96)*	24%
67.06 *(50.01)*	2150	6.78 *(25.67)*	0.711 *(0.433)*	9.89 *(1.95)*	0.21 *(0.80)*	Barometer
0.59 *(0.44)*	2151	4.29 *(16.22)*	51.415 *(31.275)*	0.14 *(0.03)*	0.20 *(0.75)*	28.87" Hg *(97.77 kPa)*

Maximum Torque - 1129 lb.-ft. *(1531 Nm)* at 1599 rpm
Maximum Torque Rise - 46.6%
Torque rise at 1681 engine rpm - 42%
Power increase at 1800 rpm - 15.3%

DRAWBAR PERFORMANCE (Unballasted)
FUEL CONSUMPTION CHARACTERISTICS

Power Hp *(kW)*	Drawbar pull lbs *(kN)*	Speed mph *(km/h)*	Crank-shaft speed rpm	Slip %	Fuel Consumption lb/hp.hr *(kg/kW.h)*	Fuel Consumption Hp.hr/gal *(kW.h/l)*	D.E.F. Consumption lb/hp.hr *(kg/kW.h)*	Temp.°F *(°C)* cool-ing med	Air dry bulb	Barom. inch Hg *(kPa)*
Maximum Power—7th Gear - Manual mode										
292.24 *(217.92)*	22917 *(101.94)*	4.78 *(7.69)*	2100	3.1	0.417 *(0.254)*	16.86 *(3.32)*	0.010 *(0.006)*	188 *(87)*	52 *(11)*	28.76 *(97.39)*
75% of Pull at Maximum Power—7th Gear - Manual mode										
227.49 *(169.64)*	17167 *(76.36)*	4.97 *(8.00)*	2168	2.5	0.431 *(0.262)*	16.32 *(3.21)*	0.013 *(0.008)*	193 *(89)*	75 *(24)*	28.70 *(97.18)*
50% of Pull at Maximum Power—7th Gear - Manual mode										
155.08 *(115.64)*	11449 *(50.93)*	5.08 *(8.18)*	2192	1.4	0.478 *(0.291)*	14.71 *(2.90)*	0.015 *(0.009)*	186 *(86)*	77 *(25)*	28.68 *(97.12)*
75% of Pull at Reduced Engine Speed—5.1 mph *(8.2 km/h)*-Auto mode										
227.43 *(169.59)*	17050 *(75.84)*	5.00 *(8.05)*	1595	2.5	0.396 *(0.241)*	17.78 *(3.50)*	0.015 *(0.009)*	205 *(96)*	76 *(25)*	28.69 *(97.16)*
50% of Pull at Reduced Engine Speed—5.1 mph *(8.2 km/h)*-Auto mode										
154.91 *(115.52)*	11498 *(51.14)*	5.05 *(8.13)*	1297	1.4	0.415 *(0.252)*	16.95 *(3.34)*	0.017 *(0.010)*	194 *(90)*	77 *(25)*	28.67 *(97.09)*

Location of tests: Nebraska Tractor Test Laboratory, University of Nebraska, Lincoln, Nebraska 68583-0832

Dates of tests: March 25 to April 2, 2015

Manufacturer: John Deere Tractor Works, 3500 East Donald St., P.O. Box 270, Waterloo Ia, 50704-0270

CONSUMABLE Fluids, OIL and TIME: Fuel No. 2 Diesel **Specific gravity converted to 60°/60°F *(15°/15°C)*** 0.8447 **Fuel weight** 7.033 lbs/gal *(0.843 kg/l)* **Diesel Exhaust Fluid (DEF)** 32% aqueous urea solution **DEF weight** 9.071 lbs/gal *(1. 087 kg/l)* **Oil SAE** 10W-30 **API service classification** CJ-4 **Transmission, hydraulic and final drive lubricant** John Deere Hy-Gard fluid **Total time engine was operated:** 33.0 hours

ENGINE: Make John Deere Diesel **Type** six cylinder vertical with two turbochargers, air to air aftercooler and D.E.F.(diesel exhaust fluid) exhaust treatment **Serial No.** *RG6090U012177* **Crankshaft** lengthwise **Rated engine speed** 2100 **Bore and stroke** 4.661" x 5.354" *(118.4 mm x 136.0 mm)* **Compression ratio** 16.0 to 1 **Displacement** 548 cu in *(8984 ml)* **Starting system** 12 volt **Lubrication** pressure **Air cleaner** two paper elements and aspirator **Oil filter** one full flow cartridge **Oil cooler** engine coolant heat exchanger for crankcase oil, radiator for transmission/ hydraulic oil also feeding front and rear axles **Fuel filter** two paper cartridges **Fuel cooler** radiator for returned fuel **Exhaust** DOC (diesel oxidation catalyst), SCR (selective catalyst reduction) and regenerative DPF (diesel particulate filter) integrated within a vertical muffler **Cooling medium temperature control** 3 thermostats and variable speed fan

ENGINE OPERATING PARAMETERS: Fuel rate: 118.6 - 128.1 lb/h *(53.8 - 58.1 kg/h)* **High idle:** 2150 - 2250 rpm (2125 - 2175 rpm with PTO engaged) **Turbo boost:** nominal 27.6 - 33.4 psi *(190 - 230 kPa)* as measured 30.4 psi *(210 kPa)*

CHASSIS: Type four wheel drive with duals **Serial No.** *1RW9370RKEP016015* **Tread width** rear 60.2" *(1530 mm)* to 131.8" *(3348 mm)*, front 60.2" *(1530 mm)* to 131.8" *(3348 mm)* **Wheelbase** 137.8" *(3500 mm)* **Hydraulic control system** direct engine drive **Transmission** selective gear fixed ratio with full range operator controlled power shift **Nominal travel speeds mph *(km/h)*** first 2.37 *(3.81)* second 2.91 *(4.69)* third 3.23 *(5.19)* fourth 3.60 *(5.79)* fifth 3.96 *(6.38)* sixth 4.42 (7.12) seventh 4.90 *(7.89)* eighth 5.47 *(8.81)* ninth 6.03 *(9.71)* tenth 6.74 *(10.84)* eleventh 7.46 *(12.01)* twelfth 8.25 *(13.27)* thirteenth 9.18 *(14.77)* fourteenth 10.15 *(16.33)* fifteenth 12.54 *(20.18)* sixteenth 15.43 *(24.83)* seventeenth 19.08 *(30.70)* eighteenth 23.48 *(37.78)*

DRAWBAR PERFORMANCE

(Unballasted at 2100 rpm - manual mode)

MAXIMUM POWER IN SELECTED GEARS

Power Hp *(kW)*	Drawbar pull lbs *(kN)*	Speed mph *(km/h)*	Crank-shaft speed rpm	Slip %	Fuel Consumption lb/hp.hr *(kg/kW.h)*	Hp.hr/gal *(kW.h/l)*	D.E.F. Consumption lb/hp.hr *(kg/kW.h)*	Temp.°F *(°C)* cool-ing med	Air dry bulb	Barom. inch Hg *(kPa)*
					1st Gear					
218.06 *(162.60)*	38965 *(173.32)*	2.10 *(3.38)*	2160	14.5	0.487 *(0.296)*	14.44 *(2.84)*	0.014 *(0.008)*	190 *(88)*	62 *(17)*	28.52 *(96.58)*
					2nd Gear					
263.78 *(196.70)*	38178 *(169.82)*	2.60 *(4.18)*	2103	11.9	0.461 *(0.280)*	15.27 *(3.01)*	0.012 *(0.007)*	195 *(90)*	66 *(19)*	28.50 *(96.51)*
					3rd Gear					
279.25 *(208.23)*	35239 *(156.75)*	2.97 *(4.78)*	2100	8.5	0.434 *(0.264)*	16.19 *(3.19)*	0.012 *(0.007)*	200 *(93)*	70 *(21)*	28.49 *(96.48)*
					4th Gear					
283.53 *(211.43)*	31299 *(139.22)*	3.40 *(5.47)*	2100	6.5	0.429 *(0.261)*	16.41 *(3.23)*	0.012 *(0.007)*	199 *(93)*	74 *(24)*	28.73 *(97.29)*
					5th Gear					
289.02 *(215.52)*	28596 *(127.20)*	3.79 *(6.10)*	2099	5.1	0.420 *(0.255)*	16.76 *(3.30)*	0.012 *(0.007)*	199 *(93)*	73 *(23)*	28.75 *(97.36)*
					6th Gear					
288.76 *(215.32)*	25233 *(112.24)*	4.29 *(6.90)*	2100	3.9	0.420 *(0.255)*	16.76 *(3.30)*	0.012 *(0.007)*	198 *(92)*	70 *(21)*	28.75 *(97.36)*
					7th Gear					
292.24 *(217.92)*	22917 *(101.94)*	4.78 *(7.69)*	2100	3.1	0.417 *(0.254)*	16.86 *(3.32)*	0.010 *(0.006)*	188 *(87)*	52 *(11)*	28.76 *(97.39)*
					8th Gear					
291.10 *(217.07)*	20444 *(90.94)*	5.34 *(8.59)*	2099	2.7	0.417 *(0.254)*	16.86 *(3.32)*	0.010 *(0.006)*	189 *(87)*	46 *(8)*	28.75 *(97.36)*
					9th Gear					
292.72 *(218.28)*	18509 *(82.33)*	5.93 *(9.54)*	2100	2.4	0.416 *(0.253)*	16.91 *(3.33)*	0.010 *(0.006)*	191 *(88)*	56 *(13)*	28.77 *(97.43)*
					10th Gear					
290.64 *(216.73)*	16488 *(73.34)*	6.61 *(10.64)*	2100	2.3	0.418 *(0.254)*	16.82 *(3.31)*	0.010 *(0.006)*	191 *(88)*	60 *(15)*	28.77 *(97.43)*
					11th Gear					
290.38 *(216.53)*	14869 *(66.14)*	7.32 *(11.78)*	2099	1.9	0.417 *(0.254)*	16.86 *(3.32)*	0.011 *(0.007)*	195 *(91)*	63 *(17)*	28.76 *(97.39)*
					12th Gear					
290.96 *(216.97)*	13368 *(59.46)*	8.16 *(13.13)*	2100	1.6	0.419 *(0.255)*	16.79 *(3.31)*	0.012 *(0.007)*	198 *(92)*	67 *(20)*	28.76 *(97.39)*

TRACTOR SOUND LEVEL WITH CAB	dB(A)
At no load in 7th gear	68.6
Transport speed - no load - 18th gear	71.7
Bystander in 18th gear	85.7

TIRES, BALLAST AND WEIGHT	Tested Without Ballast
Rear Tires - No., size, ply & psi*(kPa)*	Four 480/80R46;***;14*(95)*
Front Tires - No., size, ply & psi*(kPa)*	Four 480/80R46;***;18*(125)*
Height of Drawbar	20.5 in *(520 mm)*
Static Weight with operator - Rear	17650 lb *(8005 kg)*
- Front	21935 lb *(9950 kg)*
- Total	39585 lb*(17955 kg)*

reverse 2.37 *(3.81)*, 3.23 *(5.19)*, 3.60 *(5.79)*, 4.90 *(7.89)*, 5.47 *(8.81)*, 7.46 *(12.00)* **Clutch** wet multiple disc hydraulically actuated by foot pedal **Brakes** wet multiple disc hydraulically actuated by foot pedal **Steering** hydrostatic and articulated **Power take-off** 1000 rpm at 1895 engine rpm **Unladen tractor mass** 39410 lb *(17876 kg)*

REPAIRS AND ADJUSTMENTS: No repairs or adjustments.

NOTE 1. With stationary PTO operation, using FieldCruise™, an isochronous governor is utilized. All PTO tests were conducted with FieldCruise™ engaged.

NOTE 2. The manufacturer declares that the average time between active regenerations is 50 hours, while operated in Auto Filter Cleaning Mode, at rated speed, full PTO load, under steady state conditions.

REMARKS: All test results were determined from observed data obtained in accordance with official OECD, SAE and Nebraska test procedures. 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 and correct report of official Tractor Test No. **2107**, Nebraska Summary 970, July 5, 2015.

Roger M. Hoy
Director

M.F. Kocher
J.D. Luck
P.J. Jasa
Board of Tractor Test Engineers

DRAWBAR PERFORMANCE

UNBALLASTED - AUTO MODE

(Loads based on 2100 engine rpm manual mode performance runs)

DRAWBAR POWER AT SELECTED TRAVEL SPEEDS

Power Hp *(kW)*	Drawbar pull lbs *(kN)*	Speed mph *(km/h)*	Crank-shaft speed rpm	Slip %	Fuel Consumption lb/hp.hr *(kg/kW.h)*	Hp.hr/gal *(kW.h/l)*	D.E.F. Consumption lb/hp.hr *(kg/kW.h)*	Temp.°F *(°C)* cool-ing med	Air dry bulb	Barom. inch Hg *(kPa)*
2.4 mph *(3.8 km/h)*										
215.61 *(160.78)*	38571 *(171.57)*	2.10 *(3.37)*	1538	11.9	0.428 *(0.260)*	16.43 *(3.24)*	0.015 *(0.009)*	198 *(92)*	64 *(18)*	28.51 *(96.55)*
2.9 mph *(4.6 km/h)*										
257.89 *(192.30)*	37848 *(168.35)*	2.56 *(4.11)*	1665	11.3	0.426 *(0.259)*	16.50 *(3.25)*	0.016 *(0.010)*	207 *(97)*	68 *(20)*	28.49 *(96.48)*
3.2 mph *(5.2 km/h)*										
279.29 *(208.26)*	35176 *(156.47)*	2.98 *(4.80)*	1711	8.6	0.414 *(0.252)*	17.01 *(3.35)*	0.015 *(0.009)*	212 *(100)*	71 *(22)*	28.50 *(96.51)*
3.6 mph *(5.8 km/h)*										
283.37 *(211.31)*	31328 *(139.35)*	3.39 *(5.46)*	1543	6.6	0.404 *(0.245)*	17.43 *(3.43)*	0.015 *(0.009)*	211 *(99)*	75 *(24)*	28.72 *(97.26)*
4.0 mph *(6.4 km/h)*										
288.37 *(215.03)*	28485 *(126.71)*	3.80 *(6.11)*	1702	5.2	0.399 *(0.242)*	17.64 *(3.48)*	0.015 *(0.009)*	211 *(99)*	72 *(22)*	28.74 *(97.33)*
4.5 mph *(7.2 km/h)*										
288.81 *(215.37)*	25038 *(111.37)*	4.33 *(6.97)*	1724	4.0	0.394 *(0.240)*	17.85 *(3.52)*	0.015 *(0.009)*	210 *(99)*	71 *(22)*	28.75 *(97.36)*
5.0 mph *(8.0 km/h)*										
292.02 *(217.76)*	22584 *(100.46)*	4.85 *(7.81)*	1556	3.1	0.393 *(0.239)*	17.88 *(3.52)*	0.013 *(0.008)*	198 *(92)*	53 *(12)*	28.76 *(97.39)*
5.5 mph *(8.8 km/h)*										
290.60 *(216.70)*	20353 *(90.53)*	5.35 *(8.61)*	1711	2.7	0.398 *(0.242)*	17.68 *(3.48)*	0.012 *(0.007)*	194 *(90)*	52 *(11)*	28.76 *(97.39)*
6.0 mph *(9.6 km/h)*										
292.09 *(217.81)*	18707 *(83.21)*	5.86 *(9.43)*	1867	2.5	0.400 *(0.243)*	17.59 *(3.46)*	0.012 *(0.007)*	196 *(91)*	59 *(15)*	28.76 *(97.39)*
6.7 mph *(10.8 km/h)*										
290.09 *(216.32)*	16441 *(73.13)*	6.62 *(10.65)*	1901	2.3	0.402 *(0.244)*	17.50 *(3.45)*	0.012 *(0.007)*	196 *(91)*	62 *(16)*	28.76 *(97.39)*
7.3 mph *(11.8 km/h)*										
289.59 *(215.94)*	14999 *(66.72)*	7.24 *(11.65)*	1867	1.9	0.397 *(0.241)*	17.74 *(3.49)*	0.013 *(0.008)*	199 *(93)*	65 *(18)*	28.76 *(97.39)*
8.2 mph *(13.2 km/h)*										
290.68 *(216.76)*	13416 *(59.68)*	8.13 *(13.08)*	1888	1.6	0.405 *(0.246)*	17.36 *(3.42)*	0.014 *(0.009)*	204 *(96)*	68 *(20)*	28.76 *(97.39)*

DRAWBAR PERFORMANCE
(Unballasted at 1800 RPM, Manual mode)
MAXIMUM POWER IN SELECTED GEARS

Power Hp *(kW)*	Drawbar pull lbs *(kN)*	Speed mph *(km/h)*	Crank-shaft speed rpm	Slip %	Fuel Consumption lb/hp.hr *(kg/kW.h)*	Hp.hr/gal *(kW.h/l)*	D.E.F. Consumption lb/hp.hr *(kg/kW.h)*	Temp.°F *(°C)* cool-ing med	Air dry bulb	Barom. inch Hg *(kPa)*
					1st Gear					
219.94 *(164.01)*	38985 *(173.41)*	2.12 *(3.40)*	2160	13.9	0.485 *(0.295)*	14.50 *(2.86)*	0.014 *(0.008)*	190 *(88)*	61 *(16)*	28.52 *(96.58)*
					2nd Gear					
265.09 *(197.67)*	38064 *(169.32)*	2.62 *(4.21)*	2102	11.2	0.458 *(0.279)*	15.36 *(3.03)*	0.012 *(0.007)*	194 *(90)*	65 *(18)*	28.51 *(96.55)*
					3rd Gear					
279.62 *(208.51)*	36588 *(162.75)*	2.87 *(4.61)*	2076	10.7	0.443 *(0.269)*	15.89 *(3.13)*	0.012 *(0.007)*	206 *(97)*	73 *(23)*	28.49 *(96.48)*
					4th Gear					
298.27 *(222.42)*	35312 *(157.08)*	3.17 *(5.10)*	2016	9.2	0.432 *(0.263)*	16.28 *(3.21)*	0.012 *(0.007)*	208 *(98)*	74 *(23)*	28.49 *(96.48)*
					5th Gear					
309.98 *(231.15)*	34265 *(152.42)*	3.40 *(5.46)*	1951	8.6	0.426 *(0.259)*	16.52 *(3.25)*	0.013 *(0.008)*	214 *(101)*	75 *(24)*	28.49 *(96.48)*
					6th Gear					
316.90 *(236.31)*	32867 *(146.20)*	3.62 *(5.82)*	1842	7.7	0.420 *(0.256)*	16.74 *(3.30)*	0.014 *(0.008)*	214 *(101)*	76 *(24)*	28.48 *(96.44)*
					7th Gear					
323.20 *(241.01)*	30694 *(136.53)*	3.95 *(6.36)*	1800	6.8	0.413 *(0.251)*	17.03 *(3.36)*	0.013 *(0.008)*	213 *(101)*	77 *(25)*	28.48 *(96.44)*
					8th Gear					
327.80 *(244.44)*	27667 *(123.07)*	4.44 *(7.15)*	1800	5.6	0.406 *(0.247)*	17.31 *(3.41)*	0.013 *(0.008)*	214 *(101)*	77 *(25)*	28.47 *(96.41)*
					9th Gear					
327.02 *(243.86)*	24672 *(109.75)*	4.97 *(8.00)*	1800	4.6	0.409 *(0.249)*	17.20 *(3.39)*	0.013 *(0.008)*	214 *(101)*	78 *(26)*	28.46 *(96.38)*
					10th Gear					
328.14 *(244.69)*	22131 *(98.44)*	5.56 *(8.95)*	1800	4.0	0.405 *(0.246)*	17.37 *(3.42)*	0.014 *(0.008)*	214 *(101)*	79 *(26)*	28.45 *(96.34)*
					11th Gear					
329.33 *(245.58)*	19981 *(88.88)*	6.18 *(9.95)*	1800	3.6	0.404 *(0.246)*	17.40 *(3.43)*	0.013 *(0.008)*	214 *(101)*	79 *(26)*	28.44 *(96.31)*
					12th Gear					
330.41 *(246.39)*	17950 *(79.84)*	6.90 *(11.10)*	1800	3.0	0.403 *(0.245)*	17.46 *(3.44)*	0.013 *(0.008)*	214 *(101)*	79 *(26)*	28.44 *(96.31)*
					13th Gear					
325.74 *(242.90)*	15909 *(70.77)*	7.68 *(12.36)*	1801	2.6	0.407 *(0.247)*	17.29 *(3.41)*	0.013 *(0.008)*	215 *(101)*	79 *(26)*	28.43 *(96.28)*
					14th Gear					
329.98 *(246.07)*	14450 *(64.28)*	8.56 *(13.78)*	1801	2.2	0.403 *(0.245)*	17.45 *(3.44)*	0.013 *(0.008)*	215 *(102)*	80 *(27)*	28.43 *(96.28)*

HYDRAULIC PERFORMANCE

CATEGORY: 4N/4
Quick Attach: Yes
OECD Static test

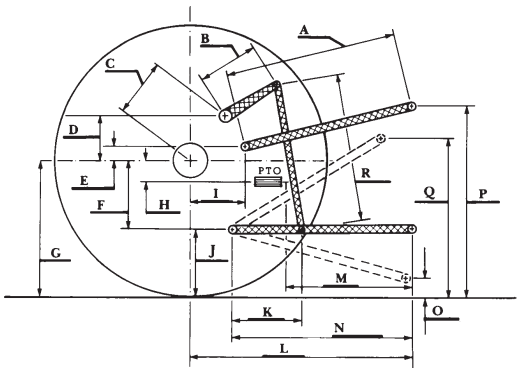
	Category 4N	lift cylinders
Maximum force exerted through whole range:	16084 lbs *(71.5 kN)*	(1 x 90 mm and 1x100 mm)
	21408 lbs *(95.2 kN)*	(2 x 110 mm)
	Category 4	
	15769 lbs *(70.1 kN)*	(1 x 90 mm and 1x100 mm)
	21384 lbs *(95.1 kN)*	(2 x 110 mm)

	Base pump	**Tandem pump**
	three outlet sets combined	
i) Sustained pressure at compensator cutoff:	3094 psi *(213 bar)*	2881 psi *(199 bar)*
ii) Pump delivery rate at minimum pressure and rated engine speed:	60.1 GPM *(227.5 l/min)*	57.2 GPM *(216.4 l/min)*
Combined flow:	117.3 GPM *(443.9 l/min)*	
iii) Pump delivery rate at maximum hydraulic power:	60.9 GPM *(230.7 l/min)*	57.7 GPM *(218.5 l/min)*
Delivery pressure:	2820 psi *(194 bar)*	2371 psi *(163 bar)*
Power:	100.2 HP *(74.8 kW)*	79.9 HP *(59.5 kW)*
	single outlet set	
	3/4" couplers	1/2" couplers
i) Sustained pressure at compensator cutoff:	2909 psi *(201 bar)*	2884 psi *(199 bar)*
ii) Pump delivery rate at minimum pressure and rated engine speed:	43.7 GPM *(165.5 l/min)*	36.5 GPM *(138.1 l/min)*
iii) Pump delivery rate at maximum hydraulic power:	42.8 GPM *(162.2 l/min)*	34.6 GPM *(131.1 l/min)*
Delivery pressure:	2217 psi *(153 bar)*	2265 psi *(156 bar)*
Power:	55.4 HP *(41.3 kW)*	45.8 HP *(34.1 kW)*

	Category 4N		**Category 4**	
	inch	*mm*	inch	*mm*
A	31.7	*805*	30.3	*770*
B	19.7	*500*	19.7	*500*
C	25.0	*635*	25.0	*635*
D	24.4	*620*	24.4	*620*
E	12.8	*325*	12.8	*325*
F	13.8	*350*	13.8	*350*
G	36.6	*930*	36.6	*930*
H	2.4	*60*	2.4	*60*
I	18.7	*474*	18.7	*474*
J	22.8	*580*	22.8	*580*
K	30.9	*785*	30.9	*785*
L	52.8	*1342*	52.8	*1342*
*L'	58.7	*1491*	59.6	*1515*
M	22.8	*579*	22.8	*579*
N	45.6	*1159*	45.6	*1159*
O	9.1	*230*	9.1	*230*
P	50.8	*1290*	50.8	*1291*
Q	41.1	*1045*	40.9	*1040*
R	47.0	*1195*	47.2	*1200*

*L' to Quick Attach ends

HITCH DIMENSIONS AS TESTED—NO LOAD



JOHN DEERE 9370R DIESEL

Institute of Agriculture and Natural Resources
University of Nebraska–Lincoln