NEBRASKA OECD TRACTOR TEST 2203–SUMMARY 1153
JOHN DEERE 9420RX 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)						
319.74 *(238.43)*	2099	20.28 *(76.75)*	0.444 *(0.270)*	15.77 *(3.11)*	0.42 *(1.61)*	Fuel used during active exhaust regeneration-3.00 gal *(11.37 l)* (see note 2, p.2)
Standard Power Take-off Speed(1000 rpm)						
356.18 *(265.60)*	1895	20.51 *(77.63)*	0.403 *(0.245)*	17.37 *(3.42)*	0.39 *(1.48)*	
Maximum Power (1 hour)						
370.49 *(276.27)*	1700	20.14 *(76.25)*	0.380 *(0.231)*	18.39 *(3.62)*	0.46 *(1.75)*	
VARYING POWER AND FUEL CONSUMPTION						
319.74 *(238.43)*	2099	20.28 *(76.75)*	0.444 *(0.270)*	15.77 *(3.11)*	0.42 *(1.61)*	Air temperature
278.49 *(207.67)*	2150	19.00 *(71.94)*	0.478 *(0.290)*	14.65 *(2.89)*	0.43 *(1.62)*	76°F *(24°C)*
208.77 *(155.68)*	2150	16.25 *(61.53)*	0.545 *(0.331)*	12.84 *(2.53)*	0.52 *(1.96)*	Relative humidity
139.21 *(103.81)*	2150	13.16 *(49.81)*	0.661 *(0.402)*	10.58 *(2.08)*	0.46 *(1.75)*	34%
69.70 *(51.97)*	2150	10.22 *(38.71)*	1.027 *(0.624)*	6.82 *(1.34)*	0.31 *(1.16)*	Barometer
3.01 *(2.24)*	2150	7.64 *(28.93)*	17.768 *(10.808)*	0.39 *(0.08)*	0.23 *(0.86)*	28.70" Hg *(97.19 kPa)*

Maximum Torque - 1241 lb-ft *(1683 Nm)* at 1550 rpm
Maximum Torque Rise -55.1%
Torque rise at 1681 engine rpm - 46%
Power increase at 1700 engine rpm - 15.9%

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 cool-ing med	*(°C)* Air dry bulb	Barom. inch Hg *(kPa)*
Power at Rated Engine Speed—7th Gear- Manual mode										
302.17 *(225.32)*	22303 *(99.21)*	5.08 *(8.18)*	2100	2.0	0.489 *(0.297)*	14.32 *(2.82)*	0.013 *(0.008)*	190 *(88)*	61 *(16)*	28.98 *(98.14)*
75% of Pull at Rated Engine Speed—7th Gear - Manual mode										
234.85 *(175.12)*	16679 *(74.19)*	5.28 *(8.50)*	2162	1.1	0.554 *(0.337)*	12.62 *(2.49)*	0.016 *(0.010)*	190 *(88)*	64 *(18)*	29.00 *(98.21)*
50%of Pull at Rated Engine Speed—7th Gear- Manual mode										
159.60 *(119.01)*	11161 *(49.65)*	5.36 *(8.63)*	2184	0.6	0.676 *(0.411)*	10.35 *(2.04)*	0.028 *(0.017)*	179 *(81)*	64 *(18)*	29.00 *(98.21)*
75%of Pull at Reduced Engine Speed— 5.3 mph *(8.6 km/h)*-Auto mode										
234.42 *(174.81)*	16613 *(73.90)*	5.29 *(8.51)*	1433	1.1	0.446 *(0.271)*	15.68 *(3.09)*	0.015 *(0.009)*	191 *(88)*	65 *(18)*	29.00 *(98.21)*
50%of Pull at Reduced Engine Speed— 5.3 mph *(8.6 km/h)*-Auto mode										
159.10 *(118.64)*	11225 *(49.93)*	5.32 *(8.55)*	1288	0.6	0.471 *(0.286)*	14.87 *(2.93)*	0.017 *(0.010)*	187 *(86)*	65 *(18)*	29.00 *(98.21)*

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

Dates of tests: September 18 - 28, 2018

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)*** 0.8404 **Fuel weight** 6.998 lbs/gal *(0.839 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:** 29.5 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.** *RG6135U015465* **Crankshaft** lengthwise **Rated engine speed** 2100 **Bore and stroke** 5.197" x 6.496" *(132.0 mm x 165.0 mm)* **Compression ratio** 16.0 to 1 **Displacement** 826 cu in *(13548 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: Stationary PTO operation (395 engine hp) 137.3 - 148.8 lb/h *(62.3 - 67.5 kg/h)*, (420 engine hp) 143.1 - 154.8 lb/h *(64.9 - 70.2 kg/h)* **High idle:** 2150 - 2250 rpm (2125 - 2175 rpm with PTO engaged) **Turbo boost:** (420 engine hp) nominal 27.5 - 31.9 psi *(190 - 220 kPa)* as measured 31.0 psi *(214 kPa)*

CHASSIS: Type 4WD with rubber tracks **Serial No.** *1RW9420RJJP805292* **Track width** rear 120.0" *(3048 mm)* front 120.0" *(3048 mm)* **Wheelbase** 163.5" *(4154 mm)* **Length of track on ground** 72.4" *(1839 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 2.50 *(4.03)* second 3.08 *(4.96)* third 3.41 *(5.48)* fourth 3.81 *(6.13)* fifth 4.19 *(6.75)* sixth 4.69 *(7.55)* seventh 5.18 *(8.34)* eighth 5.76 *(9.27)* ninth 6.38 *(10.27)* tenth 7.09 *(11.41)* eleventh 7.84 *(12.61)* twelfth 8.71 *(14.02)* thirteenth 9.64 *(15.52)* fourteenth 10.73 *(17.26)*

DRAWBAR PERFORMANCE

(Unballasted at 2100 engine 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					
270.78	45815	2.22	2102	11.7	0.549	12.75	0.013	191	59	28.92
(201.92)	*(203.80)*	*(3.56)*			*(0.334)*	*(2.51)*	*(0.008)*	*(88)*	*(15)*	*(97.93)*
					2nd Gear					
282.26	36989	2.86	2101	7.3	0.525	13.33	0.010	193	74	28.64
(210.48)	*(164.54)*	*(4.60)*			*(0.319)*	*(2.63)*	*(0.006)*	*(89)*	*(24)*	*(96.99)*
					3rd Gear					
296.27	34490	3.22	2099	5.5	0.501	13.96	0.009	192	71	28.64
(220.93)	*(153.42)*	*(5.18)*			*(0.305)*	*(2.75)*	*(0.005)*	*(89)*	*(22)*	*(96.99)*
					4th Gear					
301.25	30863	3.66	2100	4.0	0.490	14.27	0.009	190	69	28.64
(224.64)	*(137.29)*	*(5.89)*			*(0.298)*	*(2.81)*	*(0.005)*	*(88)*	*(20)*	*(96.99)*
					5th Gear					
301.79	27827	4.07	2102	3.1	0.491	14.27	0.009	190	68	28.63
(225.04)	*(123.78)*	*(6.54)*			*(0.298)*	*(2.81)*	*(0.005)*	*(88)*	*(20)*	*(96.95)*
					6th Gear					
298.60	24461	4.58	2100	2.4	0.497	14.08	0.011	190	59	28.97
(222.66)	*(108.81)*	*(7.37)*			*(0.302)*	*(2.77)*	*(0.007)*	*(88)*	*(15)*	*(98.10)*
					7th Gear					
302.17	22303	5.08	2100	2.0	0.489	14.32	0.013	190	61	28.98
(225.32)	*(99.21)*	*(8.18)*			*(0.297)*	*(2.82)*	*(0.008)*	*(88)*	*(16)*	*(98.14)*
					8th Gear					
301.53	19939	5.68	2100	1.6	0.492	14.21	0.013	189	63	28.98
(224.85)	*(88.69)*	*(9.13)*			*(0.300)*	*(2.80)*	*(0.008)*	*(87)*	*(17)*	*(98.14)*
					9th Gear					
297.94	17728	6.30	2100	1.2	0.498	14.05	0.013	190	63	28.98
(222.17)	*(78.86)*	*(10.14)*			*(0.303)*	*(2.77)*	*(0.008)*	*(88)*	*(17)*	*(98.14)*
					10th Gear					
294.38	15714	7.03	2101	1.0	0.502	13.94	0.014	190	63	29.00
(219.52)	*(69.90)*	*(11.31)*			*(0.305)*	*(2.75)*	*(0.008)*	*(88)*	*(17)*	*(98.21)*
					11th Gear					
292.17	14093	7.78	2100	0.8	0.504	13.88	0.011	195	75	28.64
(217.87)	*(62.69)*	*(12.51)*			*(0.307)*	*(2.73)*	*(0.007)*	*(90)*	*(24)*	*(96.99)*
					12th Gear					
291.68	12647	8.65	2098	0.7	0.505	13.85	0.011	197	77	28.64
(217.50)	*(56.26)*	*(13.92)*			*(0.307)*	*(2.73)*	*(0.007)*	*(91)*	*(25)*	*(96.99)*

TRACTOR SOUND LEVEL WITH CAB	dB(A)
At no load in 6th gear	70.7
Transport speed - no load - 18th gear	74.3
Bystander in 17th gear	89.6

Horizontal distances of drawbar hitch point behind rear wheel axis - 44.0" *(1118 mm)*, 49.9" *(1268 mm)*

TRACKS AND WEIGHT	Tested Without Ballast
Rear tracks - no & size	2 x 18.0 in *(455 mm)*
Front tracks - no & size	2 x 18.0 in *(455 mm)*
Height of drawbar	20.5 in *(520 mm)*
Static weight with operator- Rear	25815 lb *(11709 kg)*
- Front	31980 lb *(14506 kg)*
- Total	57795 lb *(26215 kg)*

fifteenth 13.26 *(21.34)* sixteenth 16.32 *(26.26)* seventeenth 20.04 *(32.25)* eighteenth 24.67 *(39.70)* reverse 2.50 *(4.03)*, 3.41 *(5.48)*, 3.81 *(6.13)*, 5.18 *(8.34)*, 5.76 *(9.27)*, 7.84 *(12.61)* **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** 57620 lb *(26135 kg)*

REPAIRS AND ADJUSTMENTS: No repairs or adjustments.

NOTE 1. In stationary PTO operation, this model operates in a derated power mode. 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. A 1% power decrease was observed during the active exhaust regeneration.

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. **2203**, Nebraska Summary 1153, November 29, 2018.

Roger M. Hoy
Director

M.F. Kocher
P.J. Jasa
J.D. Luck
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)*
3.5 mph *(5.6 km/h)*										
295.80 *(220.57)*	35085 *(156.06)*	3.16 *(5.09)*	1681	5.9	0.451 *(0.274)*	15.52 *(3.06)*	0.010 *(0.006)*	194 *(90)*	74 *(23)*	28.64 *(96.99)*
3.9 mph *(6.2 km/h)*										
301.16 *(224.58)*	30487 *(135.61)*	3.71 *(5.96)*	1726	4.0	0.451 *(0.274)*	15.52 *(3.06)*	0.009 *(0.006)*	193 *(89)*	70 *(21)*	28.64 *(96.99)*
4.2 mph *(6.8 km/h)*										
301.60 *(224.90)*	27585 *(122.70)*	4.10 *(6.60)*	1713	3.1	0.449 *(0.273)*	15.59 *(3.07)*	0.008 *(0.005)*	192 *(89)*	68 *(20)*	28.64 *(96.99)*
4.7 mph *(7.6 km/h)*										
298.31 *(222.45)*	24238 *(107.81)*	4.62 *(7.43)*	1723	2.4	0.442 *(0.269)*	15.84 *(3.12)*	0.011 *(0.007)*	191 *(88)*	60 *(16)*	28.97 *(98.10)*
5.2 mph *(8.4 km/h)*										
302.26 *(225.40)*	22129 *(98.43)*	5.12 *(8.24)*	1719	2.0	0.444 *(0.270)*	15.76 *(3.11)*	0.012 *(0.007)*	191 *(88)*	62 *(17)*	28.98 *(98.14)*
5.7 mph *(9.2 km/h)*										
301.57 *(224.88)*	20092 *(89.37)*	5.63 *(9.06)*	1694	1.6	0.442 *(0.269)*	15.83 *(3.12)*	0.012 *(0.007)*	191 *(88)*	64 *(18)*	28.99 *(98.17)*
6.3 mph *(10.2 km/h)*										
297.24 *(221.65)*	17796 *(79.16)*	6.26 *(10.07)*	1878	1.3	0.466 *(0.283)*	15.03 *(2.96)*	0.011 *(0.007)*	189 *(87)*	63 *(17)*	28.99 *(98.17)*
7.1 mph *(11.4 km/h)*										
294.80 *(219.83)*	15749 *(70.05)*	7.02 *(11.30)*	1899	1.0	0.470 *(0.286)*	14.90 *(2.93)*	0.012 *(0.007)*	191 *(88)*	64 *(18)*	29.00 *(98.21)*
7.8 mph *(12.6 km/h)*										
292.44 *(218.07)*	14105 *(62.74)*	7.78 *(12.51)*	1888	0.8	0.469 *(0.285)*	14.93 *(2.94)*	0.009 *(0.006)*	196 *(91)*	76 *(24)*	28.64 *(96.99)*
8.7 mph *(14.0 km/h)*										
291.45 *(217.33)*	12640 *(56.22)*	8.65 *(13.92)*	1895	0.7	0.475 *(0.289)*	14.74 *(2.90)*	0.009 *(0.006)*	196 *(91)*	77 *(25)*	28.64 *(96.99)*

DRAWBAR PERFORMANCE
(Unballasted at 1800 ENGINE 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					
270.81 *(201.94)*	48194 *(214.38)*	2.11 *(3.40)*	2065	14.6	0.557 *(0.339)*	12.56 *(2.47)*	0.013 *(0.008)*	191 *(88)*	59 *(15)*	28.92 *(97.93)*
					2nd Gear					
306.96 *(228.90)*	45116 *(200.69)*	2.56 *(4.11)*	1951	11.1	0.509 *(0.309)*	13.76 *(2.71)*	0.012 *(0.007)*	192 *(89)*	58 *(15)*	28.93 *(97.97)*
					3rd Gear					
322.80 *(240.71)*	43278 *(192.51)*	2.80 *(4.51)*	1912	10.0	0.484 *(0.295)*	14.44 *(2.85)*	0.011 *(0.007)*	192 *(89)*	58 *(14)*	28.95 *(98.04)*
					4th Gear					
331.15 *(246.93)*	41769 *(185.80)*	2.97 *(4.78)*	1800	9.0	0.468 *(0.285)*	14.96 *(2.95)*	0.011 *(0.007)*	195 *(90)*	58 *(14)*	28.94 *(98.00)*
					5th Gear					
340.05 *(253.57)*	38107 *(169.51)*	3.35 *(5.38)*	1800	7.0	0.459 *(0.279)*	15.26 *(3.01)*	0.010 *(0.006)*	192 *(89)*	59 *(15)*	28.96 *(98.07)*
					6th Gear					
343.69 *(256.29)*	33759 *(150.17)*	3.82 *(6.14)*	1800	5.1	0.453 *(0.275)*	15.46 *(3.04)*	0.011 *(0.007)*	194 *(90)*	59 *(15)*	28.96 *(98.07)*
					7th Gear					
350.06 *(261.04)*	30812 *(137.06)*	4.26 *(6.86)*	1800	4.2	0.443 *(0.269)*	15.81 *(3.11)*	0.011 *(0.007)*	194 *(90)*	59 *(15)*	28.97 *(98.09)*
					8th Gear					
352.60 *(262.93)*	27649 *(122.99)*	4.78 *(7.69)*	1800	3.2	0.441 *(0.268)*	15.87 *(3.13)*	0.010 *(0.006)*	195 *(90)*	63 *(17)*	28.98 *(98.14)*
					9th Gear					
351.12 *(261.83)*	24667 *(109.72)*	5.34 *(8.59)*	1800	2.4	0.443 *(0.270)*	15.79 *(3.11)*	0.010 *(0.006)*	194 *(90)*	63 *(17)*	28.99 *(98.17)*
					10th Gear					
351.22 *(261.90)*	22103 *(98.32)*	5.96 *(9.59)*	1800	1.9	0.442 *(0.269)*	15.82 *(3.12)*	0.011 *(0.007)*	195 *(90)*	63 *(17)*	28.99 *(98.17)*
					11th Gear					
350.16 *(261.11)*	19836 *(88.23)*	6.62 *(10.65)*	1801	1.6	0.444 *(0.270)*	15.77 *(3.11)*	0.011 *(0.007)*	197 *(92)*	63 *(17)*	29.00 *(98.21)*
					12th Gear					
351.16 *(261.86)*	17863 *(79.46)*	7.38 *(11.87)*	1799	1.3	0.443 *(0.269)*	15.81 *(3.11)*	0.011 *(0.006)*	197 *(91)*	64 *(18)*	29.00 *(98.21)*
					13th Gear					
343.18 *(255.91)*	15708 *(69.87)*	8.20 *(13.19)*	1801	1.0	0.454 *(0.276)*	15.43 *(3.04)*	0.011 *(0.007)*	198 *(92)*	64 *(18)*	29.00 *(98.21)*

Lugging ability in 11th gear

Crankshaft speed rpm	2100	2000	1899	1802	1700	1599	1400	1100
Pull-lbs	13911	16391	18139	19699	20611	21548	21046	19317
(kN)	*(61.88)*	*(72.91)*	*(80.69)*	*(87.62)*	*(91.68)*	*(95.85)*	*(93.62)*	*(85.93)*
Increase in pull %	0	18	30	42	48	55	51	39
Power-Hp	288.34	322.92	338.47	348.04	342.82	336.59	288.03	208.36
(kW)	*(215.01)*	*(240.80)*	*(252.40)*	*(259.53)*	*(255.64)*	*(251.00)*	*(214.78)*	*(155.37)*
Speed-mph	7.77	7.39	7.00	6.63	6.24	5.86	5.13	4.04
(km/h)	*(12.50)*	*(11.89)*	*(11.27)*	*(10.66)*	*(10.04)*	*(9.43)*	*(8.26)*	*(6.50)*
Slip %	0.8	1.0	1.3	1.5	1.7	1.9	1.8	1.4

HYDRAULIC PERFORMANCE

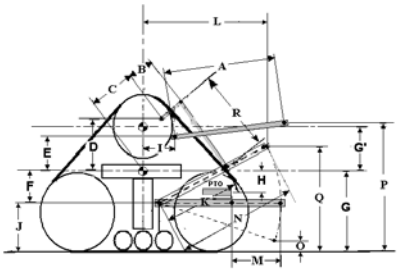
CATEGORY: 4N/4
Quick Attach: Yes
OECD Static test

	Category 4N	lift cylinders
Maximum force exerted through whole range:	15648 lbs *(69.6 kN)*	(1 x 90 mm and 1x100 mm)
	20965 lbs *(93.3 kN)*	(2 x 110 mm)
	Category 4	
	15501 lbs *(69.0 kN)*	(1 x 90 mm and 1x100 mm)
	20527 lbs *(91.3 kN)*	(2 x 110 mm)
	Base pump	**Tandem pump**
	three outlet sets combined	
i) Sustained pressure at compensator cutoff:	2994 psi *(206 bar)*	2933 psi *(202 bar)*
ii) Pump delivery rate at minimum pressure and rated engine speed:	59.7 GPM *(226.1 l/min)*	56.9 GPM *(215.4 l/min)*
Combined flow:		116.6 GPM *(441.5 l/min)*
iii) Pump delivery rate at maximum hydraulic power:	59.6 GPM *(225.6 l/min)*	57.2 GPM *(216.5 l/min)*
Delivery pressure:	2641 psi *(182 bar)*	2403 psi *(166 bar)*
Power:	91.8 HP *(68.5 kW)*	80.2 HP *(59.8 kW)*
	single outlet set	
	3/4" couplers	1/2" couplers
i) Sustained pressure at compensator cutoff:	2856 psi *(197 bar)*	2990 psi *(206 bar)*
ii) Pump delivery rate at minimum pressure and rated engine speed:	43.1 GPM *(163.2 l/min)*	37.3 GPM *(141.3 l/min)*
iii) Pump delivery rate at maximum hydraulic power:	42.5 GPM *(160.9 l/min)*	34.9 GPM *(132.0 l/min)*
Delivery pressure:	2226 psi *(153 bar)*	2362 psi *(163 bar)*
Power:	55.2 HP *(41.2 kW)*	48.1 HP *(35.8 kW)*

	Category 4N inch	Category 4N *mm*	Category 4 inch	Category 4 *mm*
A	30.7	*780*	29.9	*760*
B	19.7	*500*	19.7	*500*
C	34.8	*885*	34.8	*885*
D	28.7	*730*	28.7	*730*
E	18.7	*475*	18.7	*475*
F	12.5	*318*	12.5	*318*
G	33.1	*842*	33.1	*842*
*G'	19.5	*495*	19.5	*495*
H	2.2	*57*	2.2	*57*
I	28.8	*733*	28.8	*733*
J	20.6	*524*	20.6	*524*
K	30.9	*785*	30.9	*785*
L	52.8	*1342*	52.8	*1342*
*L'	58.7	*1491*	59.6	*1515*
M	14.7	*374*	14.7	*374*
N	45.6	*1159*	45.6	*1159*
O	9.0	*230*	9.0	*230*
P	47.6	*1210*	47.6	*1210*
Q	40.6	*1032*	40.4	*1027*
R	49.6	*1260*	48.6	*1260*

*G' to undercarriage pivot point
*L' to Quick Attach ends

HITCH DIMENSIONS AS TESTED—NO LOAD



RECOMMENDED CITATION FORMAT:

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JOHN DEERE 9420RX DIESEL

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