2016

Test 2171: John Deere 9520RX

Nebraska Tractor Test Lab
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NEBRASKA OECD TRACTOR TEST 2171–SUMMARY 1052
JOHN DEERE 9520RX 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—1109 rpm)						
310.96 *(231.88)*	2101	20.09 *(76.03)*	0.452 *(0.275)*	15.48 *(3.05)*	0.35 *(1.34)*	Fuel used during active exhaust regeneration-2.99 gal *(11.32 l)* (see note 2, p.2)
Standard Power Take-off Speed(1000 rpm)						
349.09 *(260.32)*	1895	20.41 *(77.27)*	0.409 *(0.249)*	17.10 *(3.37)*	0.32 *(1.20)*	
Maximum Power (1 hour)						
362.53 *(270.34)*	1701	20.03 *(75.81)*	0.387 *(0.235)*	18.10 *(3.57)*	0.32 *(1.22)*	
VARYING POWER AND FUEL CONSUMPTION						
310.96 *(231.88)*	2101	20.09 *(76.03)*	0.452 *(0.275)*	15.48 *(3.05)*	0.35 *(1.34)*	Air temperature
270.43 *(201.66)*	2150	18.73 *(70.90)*	0.485 *(0.295)*	14.44 *(2.84)*	0.36 *(1.35)*	73°F *(23°C)*
203.07 *(151.43)*	2150	15.75 *(59.62)*	0.543 *(0.330)*	12.89 *(2.54)*	0.28 *(1.07)*	Relative humidity
135.55 *(101.08)*	2151	12.77 *(48.35)*	0.660 *(0.401)*	10.61 *(2.09)*	0.22 *(0.83)*	36%
67.73 *(50.51)*	2150	9.78 *(37.03)*	1.011 *(0.615)*	6.92 *(1.36)*	0.18 *(0.68)*	Barometer
1.69 *(1.26)*	2150	7.23 *(27.35)*	29.949 *(18.218)*	0.23 *(0.05)*	0.13 *(0.51)*	28.54" Hg *(96.64 kPa)*

Maximum Torque - 1216 lb-ft *(1648 Nm)* at 1552 rpm
Maximum Torque Rise -56.4%
Torque rise at 1681 engine rpm - 46%
Power increase at 1701 engine rpm - 16.6%

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										
397.87 *(296.69)*	29742 *(132.30)*	5.02 *(8.08)*	2099	2.7	0.464 *(0.282)*	15.10 *(2.97)*	0.010 *(0.006)*	191 *(88)*	53 *(12)*	28.27 *(95.73)*
75% of Pull at Rated Engine Speed—7th Gear - Manual mode										
310.97 *(231.89)*	22287 *(99.14)*	5.23 *(8.42)*	2165	1.7	0.493 *(0.300)*	14.19 *(2.80)*	0.012 *(0.007)*	190 *(88)*	60 *(16)*	28.30 *(95.84)*
50% of Pull at Rated Engine Speed—7th Gear- Manual mode										
211.06 *(157.39)*	14854 *(66.07)*	5.33 *(8.58)*	2186	0.9	0.577 *(0.351)*	12.13 *(2.39)*	0.011 *(0.007)*	188 *(87)*	59 *(15)*	28.31 *(95.87)*
75% of Pull at Reduced Engine Speed— 5.3 mph *(8.6 km/h)*-Auto mode										
310.70 *(231.69)*	22255 *(99.00)*	5.24 *(8.42)*	1584	1.7	0.425 *(0.259)*	16.45 *(3.24)*	0.007 *(0.004)*	194 *(90)*	60 *(16)*	28.33 *(95.94)*
50% of Pull at Reduced Engine Speed— 5.3 mph *(8.6 km/h)*-Auto mode										
210.69 *(157.11)*	14975 *(66.61)*	5.28 *(8.50)*	1288	0.8	0.442 *(0.269)*	15.86 *(3.12)*	0.007 *(0.004)*	191 *(88)*	59 *(15)*	28.32 *(95.90)*

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

Dates of tests: November 17 - 30, 2016

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)*** 0.8408 **Fuel weight** 7.001 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:** 27.5 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.** *RG6135U007816* **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)*, Drawbar operations (520 engine hp) 177.6 - 192.1 lb/h *(80.6 - 87.2 kg/h)* **High idle:** 2215 - 2265 rpm (2125 - 2175 rpm with PTO engaged) **Turbo boost:** (520 engine hp) nominal 33.3 - 39.2 psi *(230 - 270 kPa)* as measured 35.5 psi *(245 kPa)*

CHASSIS: Type 4WD with rubber tracks **Serial No.** *1RW9520RVGP801140* **Track width** rear 88.0" *(2235 mm)* front 88.0" *(2235 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					
310.33 *(231.41)*	53737 *(239.03)*	2.17 *(3.48)*	2100	13.1	0.534 *(0.325)*	13.11 *(2.58)*	0.013 *(0.008)*	190 *(88)*	44 *(7)*	28.26 *(95.70)*
					2nd Gear					
333.24 *(248.49)*	43629 *(194.07)*	2.87 *(4.61)*	2101	6.7	0.498 *(0.303)*	14.07 *(2.77)*	0.012 *(0.007)*	190 *(88)*	43 *(6)*	28.27 *(95.73)*
					3rd Gear					
362.76 *(270.51)*	42819 *(190.47)*	3.18 *(5.12)*	2100	6.3	0.479 *(0.292)*	14.61 *(2.88)*	0.012 *(0.007)*	194 *(90)*	54 *(12)*	27.88 *(94.41)*
					4th Gear					
386.67 *(288.34)*	40608 *(180.63)*	3.57 *(5.75)*	2100	5.9	0.478 *(0.291)*	14.65 *(2.89)*	0.010 *(0.006)*	193 *(89)*	58 *(14)*	28.29 *(95.80)*
					5th Gear					
391.31 *(291.80)*	36936 *(164.30)*	3.97 *(6.39)*	2099	4.8	0.473 *(0.287)*	14.82 *(2.92)*	0.011 *(0.006)*	194 *(90)*	59 *(15)*	28.28 *(95.77)*
					6th Gear					
392.15 *(292.42)*	32606 *(145.04)*	4.51 *(7.26)*	2099	3.4	0.469 *(0.285)*	14.92 *(2.94)*	0.010 *(0.006)*	191 *(88)*	54 *(12)*	28.27 *(95.73)*
					7th Gear					
397.87 *(296.69)*	29742 *(132.30)*	5.02 *(8.08)*	2099	2.7	0.464 *(0.282)*	15.10 *(2.97)*	0.010 *(0.006)*	191 *(88)*	53 *(12)*	28.27 *(95.73)*
					8th Gear					
397.94 *(296.74)*	26614 *(118.38)*	5.61 *(9.03)*	2100	2.2	0.463 *(0.282)*	15.11 *(2.98)*	0.010 *(0.006)*	190 *(88)*	51 *(11)*	28.26 *(95.70)*
					9th Gear					
392.42 *(292.63)*	23592 *(104.94)*	6.24 *(10.04)*	2099	1.8	0.468 *(0.285)*	14.96 *(2.95)*	0.011 *(0.007)*	194 *(90)*	54 *(12)*	28.29 *(95.80)*
					10th Gear					
390.02 *(290.83)*	21038 *(93.58)*	6.95 *(11.18)*	2099	1.4	0.471 *(0.286)*	14.88 *(2.93)*	0.011 *(0.007)*	193 *(89)*	55 *(13)*	28.28 *(95.77)*
					11th Gear					
388.19 *(289.47)*	18884 *(84.00)*	7.71 *(12.41)*	2100	1.2	0.473 *(0.288)*	14.80 *(2.92)*	0.012 *(0.007)*	194 *(90)*	56 *(13)*	28.27 *(95.73)*
					12th Gear					
385.88 *(287.75)*	16859 *(74.99)*	8.58 *(13.81)*	2099	1.0	0.474 *(0.289)*	14.76 *(2.91)*	0.012 *(0.007)*	195 *(90)*	57 *(14)*	28.30 *(95.84)*

TRACTOR SOUND LEVEL WITH CAB

	dB(A)
At no load in 6th gear	72.2
Transport speed - no load - 18th gear	74.3
Bystander in 17th gear	89.6

TRACKS AND WEIGHT

	Tested Without Ballast
Rear tracks - no & size	2 x 30.0 in *(760 mm)*
Front tracks - no & size	2 x 30.0 in *(760 mm)*
Height of drawbar	21.0 in *(545 mm)*
Static weight with operator- Rear	25710 lb *(11662 kg)*
- Front	31860 lb *(14451 kg)*
- Total	57570 lb *(26113 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** 57395 lb *(26034 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.

NOTE 3: This tractor has a driveline protection system that limits the maximum engine torque in gears 1 through 3.

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. **2171**, Nebraska Summary 1052, March 3, 2017.

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)*
				3.9 mph *(6.2 km/h)*						
386.76 *(288.40)*	40105 *(178.40)*	3.62 *(5.83)*	1726	5.8	0.438 *(0.267)*	15.97 *(3.15)*	0.008 *(0.005)*	202 *(94)*	58 *(15)*	28.29 *(95.80)*
				4.2 mph *(6.8 km/h)*						
391.30 *(291.79)*	36531 *(162.50)*	4.02 *(6.47)*	1713	4.6	0.426 *(0.259)*	16.42 *(3.24)*	0.007 *(0.004)*	203 *(95)*	59 *(15)*	28.31 *(95.87)*
				4.7 mph *(7.6 km/h)*						
391.46 *(291.91)*	32261 *(143.50)*	4.55 *(7.32)*	1723	3.3	0.422 *(0.256)*	16.60 *(3.27)*	0.008 *(0.005)*	199 *(93)*	54 *(12)*	28.28 *(95.77)*
				5.2 mph *(8.4 km/h)*						
397.90 *(296.71)*	29496 *(131.20)*	5.06 *(8.14)*	1719	2.7	0.425 *(0.258)*	16.48 *(3.25)*	0.007 *(0.004)*	199 *(93)*	54 *(12)*	28.27 *(95.73)*
				5.7 mph *(9.2 km/h)*						
397.21 *(296.20)*	26765 *(119.05)*	5.57 *(8.96)*	1694	2.2	0.423 *(0.257)*	16.54 *(3.26)*	0.008 *(0.005)*	200 *(93)*	52 *(11)*	28.27 *(95.73)*
				6.3 mph *(10.2 km/h)*						
392.75 *(292.87)*	23749 *(105.64)*	6.20 *(9.98)*	1699	1.8	0.423 *(0.257)*	16.54 *(3.26)*	0.008 *(0.005)*	204 *(96)*	55 *(13)*	28.29 *(95.80)*
				7.1 mph *(11.4 km/h)*						
390.22 *(290.99)*	21044 *(93.61)*	6.95 *(11.18)*	1899	1.4	0.438 *(0.267)*	15.97 *(3.15)*	0.009 *(0.005)*	197 *(91)*	56 *(13)*	28.28 *(95.77)*
				7.8 mph *(12.6 km/h)*						
388.05 *(289.37)*	18890 *(84.03)*	7.71 *(12.40)*	1888	1.2	0.441 *(0.268)*	15.88 *(3.13)*	0.009 *(0.005)*	198 *(92)*	56 *(13)*	28.28 *(95.77)*
				8.7 mph *(14.0 km/h)*						
385.51 *(287.47)*	16852 *(74.96)*	8.58 *(13.81)*	1895	1.1	0.453 *(0.275)*	15.46 *(3.05)*	0.009 *(0.005)*	199 *(93)*	57 *(14)*	28.30 *(95.84)*

DRAWBAR PERFORMANCE
(Unballasted at 1750 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					
312.50 *(233.03)*	55230 *(245.68)*	2.13 *(3.42)*	2082	14.2	0.537 *(0.326)*	13.05 *(2.57)*	0.012 *(0.007)*	190 *(88)*	44 *(7)*	28.27 *(95.73)*
					2nd Gear					
356.44 *(265.79)*	51606 *(229.55)*	2.60 *(4.18)*	2000	11.4	0.500 *(0.304)*	14.01 *(2.76)*	0.011 *(0.007)*	193 *(89)*	43 *(6)*	28.30 *(95.84)*
					3rd Gear					
389.40 *(290.38)*	50785 *(225.90)*	2.88 *(4.63)*	1989	10.5	0.482 *(0.293)*	14.52 *(2.86)*	0.010 *(0.006)*	194 *(90)*	43 *(6)*	28.29 *(95.80)*
					4th Gear					
417.70 *(311.48)*	49165 *(218.69)*	3.19 *(5.13)*	1951	9.6	0.479 *(0.291)*	14.63 *(2.88)*	0.009 *(0.006)*	195 *(91)*	43 *(6)*	28.28 *(95.77)*
					5th Gear					
431.45 *(321.73)*	45969 *(204.48)*	3.52 *(5.66)*	1918	7.7	0.462 *(0.281)*	15.16 *(2.99)*	0.009 *(0.006)*	198 *(92)*	42 *(6)*	28.29 *(95.80)*
					6th Gear					
437.81 *(326.47)*	42115 *(187.34)*	3.90 *(6.28)*	1863	5.9	0.450 *(0.274)*	15.54 *(3.06)*	0.009 *(0.005)*	201 *(94)*	42 *(6)*	28.30 *(95.84)*
					7th Gear					
440.98 *(328.84)*	40775 *(181.37)*	4.06 *(6.53)*	1750	5.7	0.436 *(0.265)*	16.06 *(3.16)*	0.009 *(0.006)*	217 *(103)*	54 *(12)*	27.89 *(94.45)*
					8th Gear					
446.84 *(333.20)*	36687 *(163.19)*	4.57 *(7.35)*	1750	4.4	0.429 *(0.261)*	16.33 *(3.22)*	0.009 *(0.005)*	217 *(103)*	54 *(12)*	27.89 *(94.45)*
					9th Gear					
445.24 *(332.02)*	32662 *(145.29)*	5.11 *(8.22)*	1750	3.4	0.431 *(0.262)*	16.23 *(3.20)*	0.009 *(0.005)*	218 *(103)*	54 *(12)*	27.91 *(94.51)*
					10th Gear					
446.53 *(332.98)*	29266 *(130.18)*	5.72 *(9.21)*	1750	2.8	0.431 *(0.262)*	16.25 *(3.20)*	0.009 *(0.005)*	217 *(103)*	52 *(11)*	27.94 *(94.62)*
					11th Gear					
447.59 *(333.77)*	26407 *(117.46)*	6.36 *(10.24)*	1750	2.3	0.430 *(0.261)*	16.29 *(3.21)*	0.009 *(0.005)*	217 *(103)*	53 *(11)*	27.94 *(94.62)*
					12th Gear					
450.48 *(335.92)*	23813 *(105.92)*	7.10 *(11.42)*	1750	1.8	0.427 *(0.260)*	16.40 *(3.23)*	0.009 *(0.005)*	217 *(103)*	52 *(11)*	27.92 *(94.55)*
					13th Gear					
441.86 *(329.50)*	21026 *(93.53)*	7.88 *(12.68)*	1750	1.5	0.438 *(0.266)*	15.99 *(3.15)*	0.009 *(0.006)*	217 *(103)*	54 *(12)*	27.94 *(94.62)*
					14th Gear					
446.74 *(333.13)*	19068 *(84.82)*	8.79 *(14.14)*	1751	1.3	0.433 *(0.263)*	16.16 *(3.18)*	0.009 *(0.005)*	217 *(103)*	54 *(12)*	27.90 *(94.48)*

Lugging ability in 11th gear

Crankshaft speed rpm	2099	1999	1900	1849	1750	1600	1400	1100
Pull-lbs	18690	21884	24032	24855	26475	27840	27268	25155
(kN)	*(83.14)*	*(97.34)*	*(106.90)*	*(110.56)*	*(117.77)*	*(123.84)*	*(121.29)*	*(111.89)*
Increase in pull %	0	17	29	33	42	49	46	35
Power-Hp	383.89	425.87	443.05	445.74	448.12	429.80	368.78	268.22
(kW)	*(286.26)*	*(317.57)*	*(330.38)*	*(332.38)*	*(334.16)*	*(320.50)*	*(275.00)*	*(200.01)*
Speed-mph	7.71	7.30	6.92	6.73	6.35	5.79	5.07	4.00
(km/h)	*(12.40)*	*(11.75)*	*(11.13)*	*(10.82)*	*(10.22)*	*(9.32)*	*(8.16)*	*(6.44)*
Slip %	1.2	1.8	2.1	2.2	2.4	2.6	2.5	2.2

HYDRAULIC PERFORMANCE

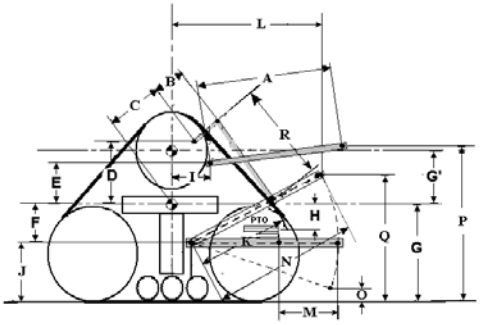
CATEGORY: 4N/4
Quick Attach: Yes
OECD Static test

	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:	2904 psi *(200 bar)*	2933 psi *(202 bar)*
ii) Pump delivery rate at minimum pressure and rated engine speed:	59.2 GPM *(224.2 l/min)*	56.9 GPM *(215.4 l/min)*
Combined flow:		116.1 GPM *(439.6 l/min)*
iii) Pump delivery rate at maximum hydraulic power:	59.6 GPM *(225.7 l/min)*	57.2 GPM *(216.5 l/min)*
Delivery pressure:	2482 psi *(171 bar)*	2403 psi *(166 bar)*
Power:	86.4 HP *(64.4 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)*	2902 psi *(200 bar)*
ii) Pump delivery rate at minimum pressure and rated engine speed:	43.1 GPM *(163.2 l/min)*	36.4 GPM *(137.9 l/min)*
iii) Pump delivery rate at maximum hydraulic power:	42.5 GPM *(160.9 l/min)*	35.5 GPM *(134.3 l/min)*
Delivery pressure:	2226 psi *(153 bar)*	2194 psi *(151 bar)*
Power:	55.2 HP *(41.2 kW)*	45.4 HP *(33.9 kW)*

	Category 4N		Category 4	
	inch	*mm*	inch	*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



JOHN DEERE 9520RX DIESEL

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