

MODEL	9330	9430	9430T	9530	9530T	9630 Tractor	9630T
Nebraska Test Number	Nebr. OECD 1941, Summary #617	Nebr. OECD 19424, Summary #618	Nebr. OECD 1943, Summary #619	Nebr. OECD 1924, Summary #594	Nebr. OECD 1925, Summary 595	Nebr. OECD 1926, Summary #596	Nebr. OECD 1927, Summary #597
Engine							
Manufacturer	John Deere	John Deere	John Deere	John Deere	John Deere	John Deere	John Deere
Aspiration	Variable Geometry Turbo with Air-to-Air Aftercooling and Exhaust Gas Recirculation	Variable Geometry Turbocharger with Air-to-Air Aftercooling and Exhaust Gas Recirculation	Variable Geometry Turbocharger with Air-to-Air Aftercooling and Exhaust Gas Recirculation	Variable Geometry Turbocharger w/ Air-to-Air Aftercooling and Exhaust Gas Recirculation	Variable Geometry Turbocharger with Air-to-Air Aftercooling and Exhaust Gas Recirculation	Variable Geometry Turbocharger w/ Air-to-Air Aftercooling and exhaust gas recirculation	Variable Geometry Turbocharger w/ Air-to-Air Aftercooling and Exhaust Gas Recirculation
Cylinders/Displacement, cu. in. (liters)	6/824 (13.5L)	6/824 (13.5L)	6/824 cu in. (13.5L)	6/824 (13.5L)	6/824 (13.5L)	6/824 (13.5L)	6/824 cu.in. (13.5L)
Performance							
Rated Engine HP (kW) @ 2100 RPM	375 (280)	425 (317)	425 (317)	475 (354)	475 (354)	530 (395)	530 (395)
PTO HP (kW) @ Rated 1895 RPM	320 (239) @ 1895 rpm per SAE	320 (239) @ 1,895 per SAE	320 (239) @ 1895 rpm per SAE	N/A	N/A	N/A	N/A
Engine Power Growth @ 1800 RPM (%)	15.6% at 1800 RPM	13.6% at 1850 RPM	14.6% @ 1850 RPM	N/A	N/A	N/A	N/A
Peak Engine Power (HP (kw)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum Torque Rise % (PTO) @ Eng RPM	38% @ - 2100	38% @ - 2100	49.00%	38% @ 2100	N/A	38% @ 2100	N/A
Fuel Use, U.S. gal./hr. & HP hr./gal.: (PTO Performance)							
PTO @ Rated Eng RPM	20.04 gal./hr. & 16.61 HP hr./gal. @ 2100 rpm	20.17 gal./hr. & 16.75 HP hr./gal. @ 2100 rpm	19.86 gal./hr. & 16.15 HP hr./gal. @ 2100 rpm	-	N/A	---	N/A
Standard PTO Speed @ Eng Speed	21.90 gal./hr. & 17.16 HP hr./gal. @ 1900 rpm	21.96 gal./hr. & 17.24 HP hr./gal. @ 1900 rpm	21.71 gal./hr. & 16.83 HP hr./gal. @ 1000 pto rpm & 1895 eng. rom	-	N/A	---	N/A
Maximum Engine Power @ Eng RPM	16.06 HP hr./gal. @ 1800 rpm in 12th (C2 Lo) gear	16.20 HP hr./gal. @ 1900 rpm in 8th gear	15.03 HP hr./gal. @ 2100 rpm in 7th gear	15.99 HP hr./gal. @ 1800 rpm in 12th gear	15.03 HP hr./gal. @ 2100 rpm in 7th gear	15.00 HP hr./gal. @ 1865 rpm in 12th gear	15.05 HP hr./gal. @ 2100 rpm in 7th gear
Fuel Use, U.S. gal./hr. & HP hr./gal.: (Drawbar Performance)							
Max Unballasted Drawbar Power @ Eng RPM	15.50 HP hr./gal. @ 2100 rpm in 7th (B1 Lo) gear	15.62 HP hr./gal. @ 2100 rpm in 8th gear	15.80 HP hr./gal. @ 1900 in 12th gear	15.74 HP hr./gal. @ 2100 rpm in 7th gear	15.62 HP hr./gal. @ 1800 rpm in 11th gear	15.39 HP hr./gal. @ 2100 rpm in 8th gear	15.54 HP hr./gal. @ 1850 rpm in 12th gear
75% Load, Full Engine RPM (Unballasted)	13.75 HP hr./gal. @ 2150 rpm in 7th (B1 Lo) gear	14.23 HP hr./gal. @ 2150 rpm in 8th gear	13.71 HP hr./gal. @ 2100 in 7th gear	14.42 HP hr./gal. @ 2170 rpm in 7th gear	13.82 HP hr./gal. @ 2100 rpm in 9th gear	14.27 HP hr./gal. @ 2170 rpm in 8th gear	14.16 HP hr./gal. @ 2100 rpm in 7th gear
75% Load @ Reduced RPM (Unballasted)	15.06 HP hr./gal. @ 1550 rpm in 12th (C2 Lo) gear	14.95 HP hr./gal. @ 1600 rpm in 11th gear	14.57 HP hr./gal. @ 1600 in 10th gear	15.14 HP hr./gal. @ 1580 rpm in 10th gear	14.85 (2.92) @ 1800 rpm in 9th gear	14.70 HP hr./gal. @ 1590 rpm in 11th gear	14.94 HP hr./gal. @ 1750 rpm in 9th gear
Fuel Tank Cap., US Gal. (L)	350 (1325)	350 (1325)	330 (1250)	350 (1325)	330 (1250)	350 (1325)	330 (1249 L)
Transmission							
Std. Transmission; Type; # Gears; Forward/Reverse	24-speed PowrSync	24-speed PowrSync	18/6 Powershift	18/6 PowerShift	18/6 PowerShift	18/6 PowerShift	18/6 PowerShift
Opt. Transmission; Forward/Reverse	18/6 PowerShift	18/6 Powershift	---	---	---	---	---
On-the-Go Shifting (Yes/No/Partial)	Yes (PST), Partial (MST)	Yes (PST), Partial (MST)	Yes (PST)	Yes	Yes	Yes	Yes
Clutch; Wet/Dry	Wet	Wet	Wet	Wet	Wet	Wet	Wet
Power Take-Off (PTO)							
Standard/Optional/Type	Optional; 1.75-in. (44.5 mm); Electrohydraulic actuation	Optional; 1.75-in. (44.5 mm); Electrohydraulic actuation	Optional; 1.75-in. (44.5 mm); Electrohydraulic actuation; 1000 RPM	N/A	Optional; 1.75-in. (44.5 mm); Electrohydraulic actuation; 1000 RPM	N/A	Optional; 1.75-in. (44.5 mm); Electrohydraulic actuation; 1000 RPM
Hydraulics							
Type	Pressure & Flow Compensating Closed Center	Pressure & Flow Compensating Closed Center	Pressure & Flow Compensating Closed Center	Pressure & Flow Compensating Closed Center	Pressure & Flow Compensating Closed Center	Pressure & Flow Compensating Closed Center	Common Rail Pressure & Flow Compensating
Standard Pump Rated Output, GPM (L/min.)	48 (181)	48 (181)	48 (181)	48 (182)	48 (181)	48 (181)	48 (181)
Optional; Pump Rated Output, GPM (L/min.)	78 (283)	78 (283)	---	78 (283)	---	78 (283)	---
Rated Flow @ One SCV, GPM (L/min.)	30 (114)	30 (114)	30 (114)	30 (181)	30 (114)	30 (181)	30 (114)
Maximum Operating Pressure, PSI (kPa)	2900 (20000)	2900 (20000)	2900 (20,000)	2900 (20,000)	2900 (20,000)	2900 (20,000)	2900 PSI (20,000 kPa)
Remote Control Valves Available	4 Std., 5 & 6 Optional	4 Std., 5 & 6 Optional	4 Std., 5 & 6 Optional	4 Std., 5 & 6 Optional	4 Std., 5 & 6 Optional	4 Std.; 5 & 6 Optional	4 Std.; 5 & 6 Optional
Axles and Final Drive							
Final Drive/Bar diameter	Inboard Planetary	Inboard Planetary	Differential Steer (Outboard Planetary)	Inboard Planetary, Double Reduction Axle	Differential Steer (Outboard Planetary)	Inboard Planetary, Double Reducing Axle	Differential Steer (Outboard Planetary)
Differential Controls	Electrohydraulic; optional front and rear	Electrohydraulic; optional front and rear	Electrohydraulic	Electrohydraulic; optional front and rear	Electrohydraulic	Electrohydraulic; optional front and rear	Electrohydraulic
Axle Type	---	---	---	---	---	---	---
Brakes, Type and Control	---	---	Hydraulic power, wet disk, self adjusting	---	Hydraulic, wet-disk, self-adjusting	---	Hydraulic power, wet disk, self adjusting
Drawbar/3-Point Hitch							
Drawbar type	Cat 4 standard; Cat 5 optional	Cat 4 standard; Cat 5 optional	Cat 4 Standard; Cat 5 Optional	Cat 5 Standard	Cat 5 Standard	Cat 5 Standard	Cat 5 Standard
Drawbar Load rating; lbs/ (kg)	Cat 4; Up to 11,000 (4990) Cat 5 up to 12,000 (5443)	Cat 4; Up to 11,000 (4990)/ Cat 5 up to 12,000 (5443)	Cat 4; Up to 11,000 (4990)/ Cat 5 up to 12,000 (5443)	Cat 5 up to 12,000 (5443)	Cat 5 up to 12,000 (5443)	Cat 5 up to 12,000 (5443)	Cat 5 up to 12,000 (5443)
3-Point Hitch Type; Lift Capacity lbs (kg)	4N/3, 4/4N; 15,300 (6940)	4N/3, 4/4N; 15,300 (6940)	4N/3 or 4/4N; 15,300 (6940)	4/4N; 15,300 (6940)	4/4N; 15,300 (6940)	4/4N; 15,300 (6940)	4/4N; 15,300 (6940)
Operator Station							
dB(A) Rating	73.9	73.7	72.4	73.5	73	72.6	72.6
Seat Suspension System	Air (Std.), Active (Opt.)	Air (Std.), Active (Opt.)	Air	Air (Std.), Active (Opt.)	Air Suspension	Air (Std.), Active (Opt.)	Air
4WD Dimensions							
Wheelbase, in. (mm)	137.8 (3500)	137.8 (3500)	116 in. (2946 mm)	137.8 (3500)	116-in (2946-mm)	137.5 (3500)	116 in. (2946 mm)
Wheel Tread, Min. to Max. in. (mm)	60 - 132 (1524 - 3353)	60 - 132 (1524 - 3353)	Fixed @ 106 in. (2692 mm)	60-132 (1524-3353)	Fixed @ 106-in (2692-mm)	60-132 (1524-3353)	Fixed @ 106 in. (2692 mm)
Turning Radius w/o Brakes, ft. (m)	14.6 (4.45)	14.6 (4.45)	0 (Counter-Rotates)	14.6 (4.45)	0 (Counter-Rotates)	14.6 (4.45)	0 (Counter-Rotates)
Unballasted Weight, lb. (kg)	34,330 (15,570)	35,530 (16,116)	43,000 (19,504) (less 3-pt and PTO)	36,070 (16,361)	43,000 - lbs (19,504-kg) (less 3-pt and PTO)	37,290 (16,914)	43,000. (19,504) (less 3-pt and PTO)
Ballasting Restrictions, lb. (kg)	Lesser of 57,000 (25,855) or Tire Capacity	Lesser of 57,000 (25,855) or Tire Capacity	53,000 (24,040)	Lesser of 57,000 (25,855) or Tire Capacity	53,000 (24,040)	Lesser of 57,000 (25,855) or Tire Capacity	53,000 lb. (24,040 kg)
Tires/Tracks							
Standard Tires	710/70 R38 (Group 47)	710/70 R42 (Group 48)	---	800/70 R38 (Group 48)	---	800/70R38 (Group 48)	---
Standard Track Size in. (mm)	N/A	N/A	30-in. (762mm) Std., 36-in. (915mm) Opt.	N/A	30-in. (762 mm) Std., 36-in. (915 mm) Opt.	N/A	30-in. (762 mm) Std., 36-in. (915 mm) Opt.
Track Gauge in. (mm)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Track Undercarriage type	N/A	N/A	Air Cushion suspension: 4 mid-rollers; 13.4 inches suspension travel at front idler.	N/A	Air Cushion suspension: 4 mid-rollers; 13.4 inches suspension travel at front idler.	N/A	Air Cushion suspension: 4 mid-rollers; 13.4 inches suspension travel at front idler.