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**TRACTOR COMPARISON**

Dec. 27, 1956  
(Replaces Comparison dated 12-3-56)  
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OLIVER OC-3 & OC-4-42 WITH COMPETITION

Oliver OC-4	Oliver OC-3	John Deere "420" 4-Roller	John Deere "420" 5-Roller	Terratrac "200"	Terratrac "300"
Indust. Gas	Indust. Gas				

22.0	21.85 (1)	24.12 (1)	24.12	25.8	26.3
26.4	26.36	29.72	29.72	31.40	31.40
4,200 (2)	3,940 (3)	4,862	4,862	4,428	4,518
3,415	2,512	3,964	3,964	3,080	3,141
2,345	1,472	2,924	2,924	1,810	1,852
1,420		1,424	1,424		
1.55 (2)	2.01 (3)	.82 (4)	.82 (4)	1.74	1.74
2.36	3.19	2.21	2.21	2.75	2.75
3.35	5.25	2.95	2.95	4.52	4.52
5.23		5.31	5.31		
1.80	2.33	1.64	1.64	2.01	2.01

HORSE POWER

Drawbar  
Belt

DRAWBAR POUNDS PULL

First  
Second  
Third  
Fourth

SPEEDS

First  
Second  
Third  
Fourth  
Reverse

RATIO OF ENGINE TO SPROCKET ARM

First  
Second  
Third  
Fourth  
Reverse

ENGINE

Bore & Stroke, inches  
Number of Cylinders  
Governed Speed - RPM  
Piston Displacement, cu. in.  
Piston Speed, ft./min.  
Fan Diameter, inches  
Crankshaft Diameter, inches  
Number of Main Bearings  
Governor Type

3-1/4 x 4	3-1/4 x 4	4-1/4 x 4	4-1/4 x 4	3-3/16 x 4-3/8	3-3/16 x 4-3/8
4	4	2	2	4	4
1700	1700	1850	1850	1850	1850
133	133	113	113	140	140
1133	1133	1233	1233	1350	1350
15	15				
2	2				
3	3	2	2		
Var. Speed Flyball	Var. Speed Flyball	Var. Speed Centi.	Var. Speed Centi.	Var. Speed Flyball	Var. Speed Flyball

- (1) Only tractor Nebraska Tested
- (2) With "Trasco" transmission, OC-4 can be slowed down to 39 MPH, increasing drawbar pull to over 5000#.
- (3) With "Trasco" transmission, OC-3 can be slowed down to 50 MPH, increasing drawbar pull to over 4900#.
- (4) 5-speed transmission optional. 1st gear .89 MPH.

	Oliver OC-4 Indust. Gas	Oliver OC-3 Indust. Gas	John Deere "420" 4-Roller	John Deere "420" 5-Roller	Terratrac "200"	Terratrac "300"
<u>ENGINE - Continued</u>						
Oil Filter	(Replaceable Element)	(Replaceable Element)	(Replaceable Element)	(Replaceable Element)	(Replaceable Element)	(Replaceable Element)
Air Cleaner	Vortex	(Marvel) Vortex	(Marvel) Vortex	(Marvel) Vortex	(Marvel) Vortex	(Marvel) Vortex
Carburetor	(Schebler)	(Schebler)	(Schebler)	(Schebler)	(Schebler)	(Schebler)
Valve Port Diameters (in.) Intake	1-1/4	1-1/4	1-31/64	1-31/64	1-23/64	1-23/64
Exhaust	1-1/8	1-1/8	1-23/64	1-23/64	1-1/16	1-1/16
Lubrication	Forced Feed	Forced Feed	Forced Feed	Forced Feed	Forced Feed	Forced Feed
Fuel	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline
Fuel Tank Capacity, gals.	11	12	10-1/2	10-1/2	10	10
Fuel System Capacity, gals.	3-3/4	3-3/4	2-3/4	2-3/4	3-1/2	3-1/2
Crankcase Oil Capacity, qts.	5-1/2	5-1/2	5	5	4	4
Starting - Std.	Electric	Electric	Electric	Electric	Electric	Electric
Ignition	Magneto	Magneto	Distributor	Distributor	Distributor	Distributor
<u>TRANSMISSION &amp; STEERING</u>						
Clutch Dia. & No. of Plates	9" Single	9" Single	10" Single	10" Single	9" Single	9" Single
Trans. & Differ. Oil Capacity, qts.	8	8	6-1/2	6-1/2	8	8
Final Drive Oil Capacity each side, qts.	3/4	3/4	1-3/4	1-3/4	2-1/2	2-1/2
Steering Type	Contr. Diff.	Contr. Diff.	Clutch	Clutch	Contr. Diff.	Contr. Diff.
Steering Band Width, inches	1-3/4	1-3/4	79	79	79	79
Steering Bands, total area, sq. in.	79	79	14	14	14	14
No. of Friction Surfaces, each steering clutch	---	---	---	---	---	---
<u>TRACK &amp; TRACK FRAME</u>						
Gauge, Std., inches	42	42	36 or 46	36 or 46	42	48
No. L.T.W., each frame	4	3	4	5	3	3
Track Shoe Width, Std., inches	10	10	10	10	10	11
Special Track Shoe Widths available, in.	6, 8, 12	6, 8, 12	14	14	11, 12, 13, 14, 16	12, 13, 14
Track Shoe Length, center of pins, in.	5-7/8	5-7/8	---	---	---	---
Track Pin Size, inches	1-5/16x5-1/8	1-5/16x5-1/8	---	---	---	---
Track Bushing - O.D. & Lg.-in.	1-1/2x3-3/16	1-1/2x3-3/16	---	---	---	---
Number of shoes per track	32	30	31	35	---	---
Turning Radius	8' 7-1/2"	7' 7-1/2"	6'	6-1/2'	6" (5)	6" (5)

(5) Believed incorrect. Terratrac uses same steering differential as our OC-3 & OC-4.

TRACTOR COMPARISON  
OLIVER OC-3 & OC-4-42 WITH COMPETITION

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	Oliver OC-4 Indust. Gas	Oliver OC-3 Indust. Gas	John Deere "420" 4-Roller	John Deere "420" 5-Roller	Terratrac "200"	Terratrac "300"
Length of Track on Ground, inches	56-1/8	50	56	66-3/8	54	54
Ground Contact Area, sq. in.-Total	1122	1000	1120	1328	1080	1188

TRACK & TRACK FRAME - Continued

Length of Track on Ground, inches  
Ground Contact Area, sq. in.-Total

DIMENSIONS

Length Overall, inches  
Width Overall, inches  
Height of Hood, inches  
Clearance (above ground tip), inches  
At track frame guide supports  
At drawbar support

WEIGHT (with Std. 10" Grousers)

Shipping Weight, approx., lbs.  
Operating Weight, approx., lbs.  
Ground Pressure, P.S.I.

DRAWBAR

Height Above Grouser Tip, inches  
Size of Drawbar, inches  
Lateral Movement Rt. or Lt. of Center, inches  
Drawbar Pin Diameter, inches

SPECIAL EQUIPMENT

POWER PULLEY

Diameter, inches  
Face Width, inches  
Pulley RPM  
Belt Speed, ft./min.  
Power Take-Off (P.T.O.)  
RPM

Connection Size - inches  
Spline

(6) Height at seat (inches).  
(7) 7-1/2" at steering clutch compartment.

Length Overall, inches	105-13/16	100	102	102	96	96
Width Overall, inches	52-3/4	52-5/16	56 to 60	55 to 60	52	58-1/2
Height of Hood, inches	55-1/16 (6)	50-3/8	50-1/2	50-1/2	51	51
Clearance (above ground tip), inches						
At track frame guide supports	18-7/16	20	11-3/4 (7)	11-3/4 (7)	16	16
At drawbar support	12	12	12-15/16	12-15/16	---	---
Shipping Weight, approx., lbs.	4,005	3,650	4,236	4,800	4,270	4,570
Operating Weight, approx., lbs.	4,255	3,900	4,517	4,950	4,520	4,820
Ground Pressure, P.S.I.	3.79	3.9	4.03	3.73	4.18	4.06
Height Above Grouser Tip, inches	14-5/8	14-5/8	12-15/16	12-15/16	---	---
Size of Drawbar, inches	2-3/4 x 1	2-3/4 x 1	---	---	---	---
Lateral Movement Rt. or Lt. of Center, inches	12-1/2	12-1/2	18	18	---	---
Drawbar Pin Diameter, inches	3/4	3/4	---	---	---	---
Diameter, inches	8-1/2	8-1/2	9-1/16	9-1/16	6	6
Face Width, inches	6-1/2	6-1/2	6-3/8	6-3/8	7	7
Pulley RPM	1038	1038	1267	1267	664	664
Belt Speed, ft./min.	2310	2310	3006	3006	1043	1043
Power Take-Off (P.T.O.) RPM	551	551	560	560	---	---
Connection Size - inches	1-3/8 - 6B	1-3/8 - 6B	6B	6B	---	---
Spline	ASAE	ASAE	ASAE	ASAE	---	---

TRACTOR COMPARISON  
OLIVER OC-3 1/2 OC-4-42 WITH COMPETITION

	Oliver OC-4 Indust. Gas	Oliver OC-3 Indust. Gas	John Deere "420" 4-Roller	John Deere "420 5-Roller	Terratrac "200"	Terratrac "300"
PRICE - BASIC TRACTOR	\$2,747.00	\$2,686.00	\$2,848.75	\$3,080.75	\$2,803.00	\$3,183.00
ELECTRIC STARTING SYSTEM	S	S	S	S	108.00	158.00 (8)
LIGHTS	29.25	26.25	28.00	28.00	39.00	S
CRANKCASE GUARD	37.00	49.00	S	S	59.00	63.00
EXHAUST RAIN CAP	S	S	S	S	2.55	2.65
TRACK SPRING SYSTEM	S	S	Rigid	Rigid	84.00	90.00
LOWER TRACK WHEEL GUARDS	N.R.	N.R.	52.00	S	88.00	95.00
TOTAL	\$2,813.25	\$2,761.25	\$2,928.75 (9)	\$3,108.75 (9)	\$3,183.55	\$3,591.65
Shipping Weight (with Above equipment) = approx.	4060#	3730#	4430#	4912#	4500#	4800#
Cost per pound of tractor weight	69.3¢	74¢	66.1¢	63.3¢	70.7¢	74.8¢
Cost per drawbar horsepower	\$127.87	\$123.00	\$121.42	\$128.89	\$123.39	\$136.56
Cost per belt horsepower	\$106.56	\$104.70	\$98.54	\$104.60	\$101.39	\$114.38

(8) Includes price of lights.  
 (9) Five-speed transmission, add \$35.00. Direction reverser for 4-speed transmission, add \$92.50. Direction Reverser for 5-speed transmission, add \$127.50.

KEY: (N.R.) - Not Required.  
 (S) - Standard Equipment

R. F. Hana  
Cleveland Plant