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MANUAL PREVIEW

Oliver

Operator's Manual

2255

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OL-O-2255

Make: Oliver	Model: 1755	Years Made: 1970-1975
HP-PTO: 86.98	HP-Engine:	HP-Drawbar: 72.4
HP-Range: 87	Engine-Make:	Engine-Fuel: GAS
Engine-Cyl(s): CID: 6/283	Transmissi-on-STD: CM	Optional: HYDRA-POWER
Fwd/Rev Standard: 6/2	Fwd/Rev Optional: 18/6	Mfwd-Std/Opt: OPT
Tires-Std Front: 7.50-15	Tires-Std Rear: 18.4-34	Wheelbase-Inch: 103
Pto Type: IND	Pto Speed: 1000	CAT I-3pt Hitch: True
CAT II-3pt Hitch: True	CAT III-3pt Hitch: False	Hitch Lift:
Hydraulics-Type: OPEN	Hyd-Cap: 27	Hyd-Flow: 20
Hyd Std Outlets: OPT	Cooling Capacity: 20	Fuel Tank Capacity: 35
Cab-Std/A/C; Rops: OPT	Weight: 9490	New Price: 11275

Make: Oliver	Model: 1955	Years Made: 1969-1974
HP-PTO: 108.16	HP-Engine:	HP-Drawbar: 90
HP-Range: 108	Engine-Make:	Engine-Fuel: DIESEL/TURBO
Engine-Cyl(s): CID: 6/310	Transmissi-on-STD: CM	Optional: HYDRA-POWER
Fwd/Rev Standard: 6/2	Fwd/Rev Optional: 18/6	Mfwd-Std/Opt: OPT
Tires-Std Front: 11L-15	Tires-Std Rear: 20.8-38	Wheelbase-Inch: 103
Pto Type: IND	Pto Speed: 1000	CAT I-3pt Hitch: False
CAT II-3pt Hitch: True	CAT III-3pt Hitch: True	Hitch Lift: 6000
Hydraulics-Type: OPEN	Hyd-Cap: 27	Hyd-Flow: 20
Hyd Std Outlets: OPT	Cooling Capacity: 20	Fuel Tank Capacity: 35
Cab-Std/A/C; Rops: OPT	Weight: 11245	New Price: 13932

Paint Codes	
Location	MFG Color Name
TRIM & WHEELS	CLOVER WHITE
BODY OF TRACTOR	OLIVER GREEN

Make: Oliver	Model: 1855	Years Made: 1969-1975
HP-PTO: 98.6	HP-Engine:	HP-Drawbar: 82.65
HP-Range: 99	Engine-Make:	Engine-Fuel: DIESEL
Engine-Cyl(s): CID: 6/310	Transmissi-on-STD: CM	Optional: HYDRA-POWER
Fwd/Rev Standard: 6/2	Fwd/Rev Optional: 18/6	Mfwd-Std/Opt: OPT
Tires-Std Front: 11L-15	Tires-Std Rear: 23.1-34	Wheelbase-Inch: 103
Pto Type: IND	Pto Speed: 1000	CAT I-3pt Hitch: True
CAT II-3pt Hitch: True	CAT III-3pt Hitch: False	Hitch Lift: 4000
Hydraulics-Type: OPEN	Hyd-Cap: 27	Hyd-Flow: 20
Hyd Std Outlets: OPT	Cooling Capacity: 20	Fuel Tank Capacity: 35
Cab-Std/A/C; Rops: OPT	Weight: 11140	New Price: 12405

Make: Oliver	Model: 2255	Years Made: 1972-1976
HP-PTO: 146.72	HP-Engine:	HP-Drawbar: 123
HP-Range: 147	Engine-Make:	Engine-Fuel: DIESEL
Engine-Cyl(s): CID: V-8/573	Transmissi-on-STD: CM	Optional: HYDRA-SHIFT
Fwd/Rev Standard: 6/2	Fwd/Rev Optional: 18/6	Mfwd-Std/Opt: OPT
Tires-Std Front: 11.00-16	Tires-Std Rear: 18.4-38	Wheelbase-Inch: 108
Pto Type: IND	Pto Speed: 1000	CAT I-3pt Hitch: False
CAT II-3pt Hitch: True	CAT III-3pt Hitch: True	Hitch Lift: 6000
Hydraulics-Type: OPEN	Hyd-Cap: 27	Hyd-Flow: 20
Hyd Std Outlets: OPT	Cooling Capacity: 40	Fuel Tank Capacity: 35
Cab-Std/A/C; Rops: OPT	Weight: 16407	New Price: 17935

Year	Beginning Serial Number
1972	235598
1973	237210
1974	244825
1975	258472
1976	266683

1755	
<u>Year</u>	<u>Beginning Serial Number</u>
1970	221603
1971	226445
1972	231415
1973	238136
1974	245667
1975	257515

LOWER INSTRUMENT PANEL, LH SIDE 1855	
<u>Year</u>	<u>Beginning Serial Number</u>
1969	220640
1970	221100
1971	223507
1972	231366
1973	236585
1974	247436
1975	255727

LOWER INSTRUMENT PANEL, LH SIDE 1955	
<u>Year</u>	<u>Beginning Serial Number</u>
1971	226858
1972	232958
1973	239032
1974	247871

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INTRODUCTION

This Operator's Manual is presented to furnish you with necessary information for operating and maintaining your tractor. Its primary purpose is to assist you in lubricating and adjusting the tractor for daily and seasonal operation. We especially wish to call your attention to the many safety slogans listed in this manual. Although your tractor is designed with the safety of operation in mind, possibilities of accidents cannot be completely eliminated until you understand and practice all safety precautions.

Timely service saves costly repairs and valuable time lost because of breakdowns. Whenever it becomes necessary to make REPAIRS or REPLACEMENTS on your tractor, be sure to insist on GENUINE PARTS. These parts are designed specifically for your tractor under controlled specifications to give satisfaction and long lasting service to which you are entitled. YOUR DEALER CAN SUPPLY YOU WITH PARTS YOU REQUIRE. For additional information consult your dealer.

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SPECIFICATIONS

UNIT CAPACITIES

	U. S. Measure	Imperial Measure
Cooling System	10 gal.	8-1/4 gal.
Add for Cab Heater	1-1/2 qt.	1-1/4 qt.
Main Fuel Tank	35 gal.	29 gal.
Wheel Guard Fuel Tank (Each)	39 gal.	32-1/2 gal.
Auxiliary Fuel Tank (Each)	15 gal.	12-1/2 gal.
Crankcase	12 qt.	10 qt.
Crankcase Full-Flow Filters	1 qt.	3/4 qt.
Transmission and Final Drive	43 qt.	35-3/4 qt.
Over/Hydraulic-Shift	3-1/2 qt.	3 qt.
Front Wheels	1/2 lb.	1/2 lb.
Hydraulic System Reservoir	27 qt.	22-1/2 qt.
3-Inch External Cylinder	3/4 qt.	1/2 qt.
4-Inch External Cylinder	1-1/2 qt.	1-1/4 qt.
Fluid for 5 Feet of Hose	1/2 pt.	1/2 pt.
Four-Wheel Drive Front Axle		
Differential Housing	2 gal.	1-3/4 gal.
Planetary Drives (Each)	2-1/2 qt.	2 qt.
Axle Shaft Joints (Each)	4 lb.	4 lb.
Transfer Drive Case	1 qt.	3/4 qt.
Rear Planetary Drive (Each)	6 qt.	5 qt.

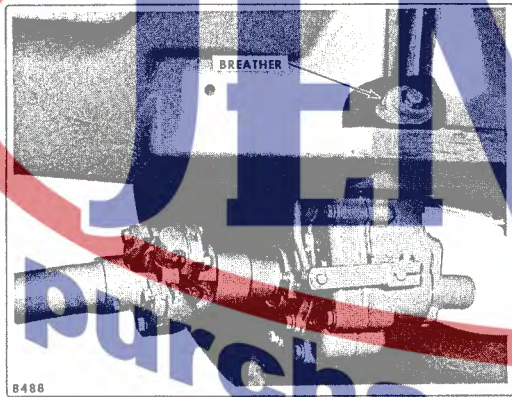
TRACTOR DIMENSIONS (APPROXIMATE INCHES)

	ROW CROP ADJ. FRONT	FOUR-WHEEL DRIVE
	11.00-16	14.9/13-26
	18.4-38	18.4-38
Ground Clearance		
Front Axle	24-7/16	15-1/2
Rear Axle Carrier	27-5/16	27-5/16
Rear Frame (Drawbar and Anchor Removed)	20-1/16	20-1/16
Overall Height		
Top of Muffler	105-11/16	107
Top of Steering Wheel (Uppermost Position)	85-5/16	85-5/16
Top of Seat Backrest		
Minimum (Loaded)	65	65
Maximum (Unloaded)	70-3/4	70-3/4
Overall Width		
Minimum	81-1/2	81-1/2
Front Width		
Frame and Hood	24	24
Overall Length	166	154
Wheel Base	107	83-1/4
Wheel Treads		
Front	60 to 80	66 or 70-3/4
Rear	61, 69, 76, 84, 91	61, 69, 76, 84, 91



Changing Lubricant

Change lubricant yearly or every 1000 hours of operation. Remove drain plug and drain while warm. Reinstall plug and refill compartment.



4WD TRANSFER DRIVE CASE BREATHER

Check breather every time lubricant is changed. Check more frequently under extreme dust conditions. Remove and wash in cleaning solvent. Clean area around breather and reinstall.



4WD FRONT AXLE DIFFERENTIAL

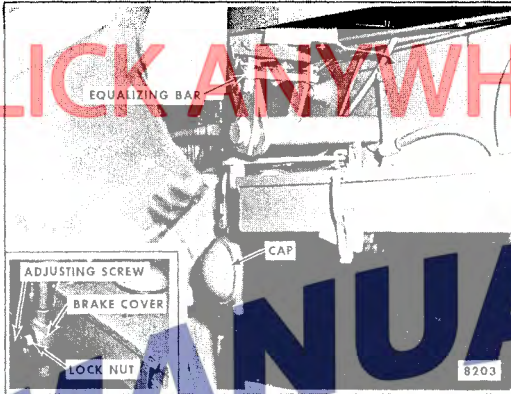
Lubricant

Use SAE 80 multi-purpose gear lubricant year around. SAE 90 multi-purpose gear lubricant may be used if temperatures normally remain above plus 32 degrees Fahrenheit. Both lubricants must conform to Military Specification MIL-L-2105 only.

Checking Lubricant

Remove filler-test plug and check level weekly or every 50 hours of operation. Maintain level at lower edge of filler-test plug opening. Reinstall filler-test plug.

ADJUSTMENTS



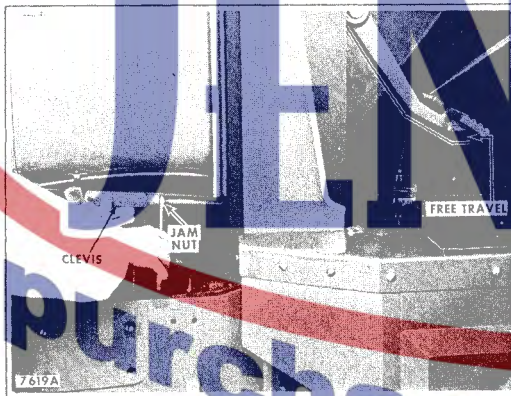
BRAKES

Hydraulic

Hydraulic brakes are self-adjusting and require little or no maintenance. Pedal free travel is factory set and should remain constant. If unequal pedal free travel is encountered consult your serviceman.

Parking Brake

Remove brake cover caps and loosen adjusting screw lock nuts. Back off adjusting screws slightly to relieve linkage tension. Position equalizing bar parallel to center line of cross-shaft. Hand tighten adjusting screws. Apply and release parking brake and re-check adjusting screws. Retighten if necessary. Be sure equalizing bar is parallel with cross-shaft when retightening screws. Parking brake is properly adjusted when hand lever travel is restricted to 3 or 4 notches and equalizing bar is parallel with cross-shaft. Secure lock nuts and reinstall cover caps.



CLUTCH LINKAGE ADJUSTMENT

Adjust linkage whenever clutch pedal free travel has decreased to approximately 1/8-inch. Free travel is distance pedal can be decreased from engaged position to a point where clutch begins to disengage. Measure distance vertically at rear of pedal. To adjust linkage, loosen lock nut and remove clevis pin. Rotate adjusting clevis counterclockwise until free travel distance has been increased to 1-7/16 inch. Reinstall clevis pin and tighten lock nut.



FRONT WHEEL BEARINGS

Checking Adjustment

To determine if bearings require adjustment, raise front wheel off ground. Push and pull on wheel and check for movement between wheel and spindle.

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