

# **AH and GH Tractors (Serial No. AH-665000 and Up; GH-G46800 and Up)**



## **OPERATORS MANUAL**

AH and GH Tractors (Serial No. AH-665000  
and Up; GH-G46800 and Up)

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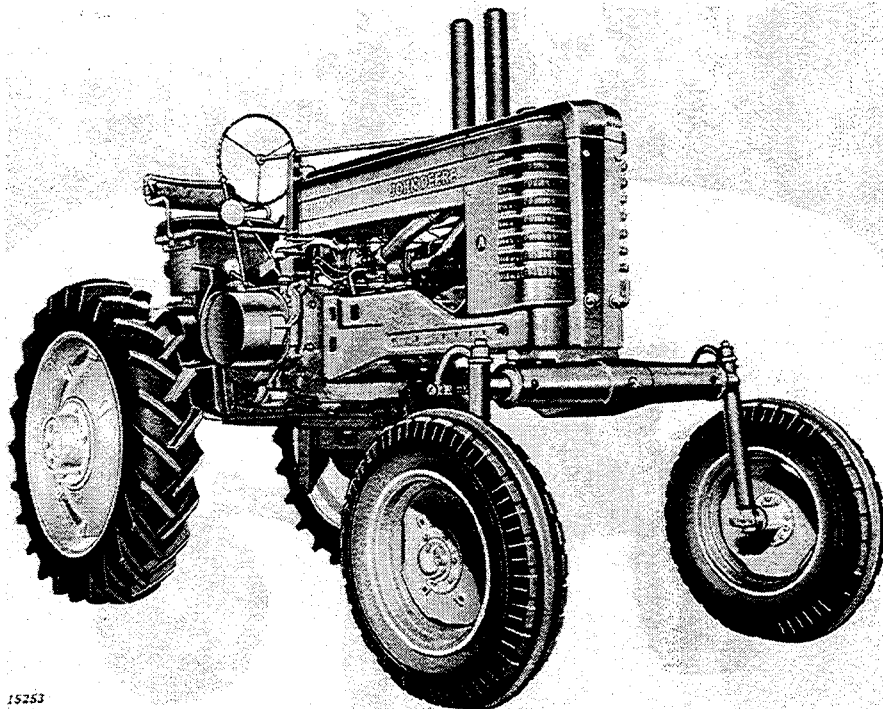


## INTRODUCTION

In many respects your new John Deere Model "AH" or "GH" (Hi-Crop) Tractor is just like a John Deere Model "A" or "G" Tractor.

Refer to your Model "A" or "G" Operator's Manual for description and location of controls and method of starting, stopping, and operating your "AH" or "GH" Tractor. Use the "A" or "G" Manual for instructions on keeping the fuel, ignition, and cooling systems, tappets, Powr-Trol, and starting and lighting equipment of your Hi-Crop Tractor in first-class working order. Refer to it often for constructive and helpful suggestions on getting the most out of your Hi-Crop Tractor.

The instructions in this manual supplement those in the Operator's Manual for an "A" or "G" Tractor. They cover only those parts of your Hi-Crop Tractor which are different from similar parts of "A" or "G" Tractors.



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*John Deere Model "AH" (Hi-Crop) Tractor*

## SPECIFICATIONS

Most of the specifications in the Model "A" or "G" Tractor Operator's Manual apply equally to your "AH" or "GH" Tractor. The following, however, are different.

### TRACTOR SPEEDS

#### "AH" Tractor.

Gear	M.P.H. with 11-38 Regular Tires	M.P.H. with 12-38 Cane and Rice Tires
First	1-1/2	1-1/2
Second	2-1/2	2-3/4
Third	3-1/2	3-3/4
Fourth	4-1/2	4-3/4
Fifth	6-1/2	6-3/4
Sixth	11-1/4	12
Reverse	3	3-1/4

#### "GH" Tractor.

Gear	M.P.H. with 12-38 Regular Tires	M.P.H. with 12-38 Cane and Rice Tires
First	2-1/4	2-1/2
Second	3-1/4	3-1/2
Third	4-1/4	4-1/2
Fourth	6	6-1/4
Fifth	8-1/4	8-1/2
Sixth	11-3/4	12-1/4
Reverse	3	3-1/4

### SHIPPING WEIGHTS

"AH" Tractor with 11-38 Tires..... 6400 lbs.  
 "GH" Tractor with 12-38 Tires..... 6940 lbs.

## LUBRICATION

The "A" or "G" Operator's Manual contains complete instructions for periodic lubrication of all points of your "AH" or "GH" Tractor except those noted below. Of special importance are the following lubrication points:

Crankcase  
Transmission  
Air Cleaner  
Powr-Trol  
Oil Filter

See your "A" or "G"  
Operator's Manual

The only differences between lubrication of your Hi-Crop Tractor and an "A" or "G" Tractor are the final drives, brakes, and grease fittings. The following instructions cover these points.

### Final Drives.

When transmission oil is changed, drain each final drive housing and refill to oil level plug (Figure 1), using chart below as a guide to proper weight of lubricant. Capacity of each final drive housing is 1-3/4 U.S. quarts.

#### TEMPERATURE- WEIGHT CHART FOR FINAL DRIVE LUBRICANT

Air Temperature	Weight of Oil
32° F. and up	SAE 140
Below 32° F.	SAE 90

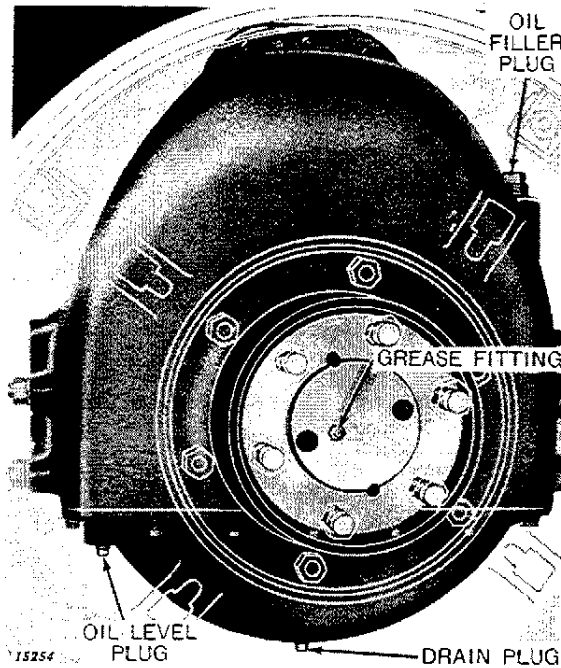


Figure 1—Final Drive Housing

### Brakes.

Lubricate outer brake bearings every 500 hours with regular engine oil of the same weight as is used in the crankcase. Reservoir is filled through upper 1/8-inch pipe plug hole located on the inside of outer brake shaft housing flange.

### Servicing Grease Fittings.

Service all grease fittings with pressure-gun grease, wiping off fittings beforehand.

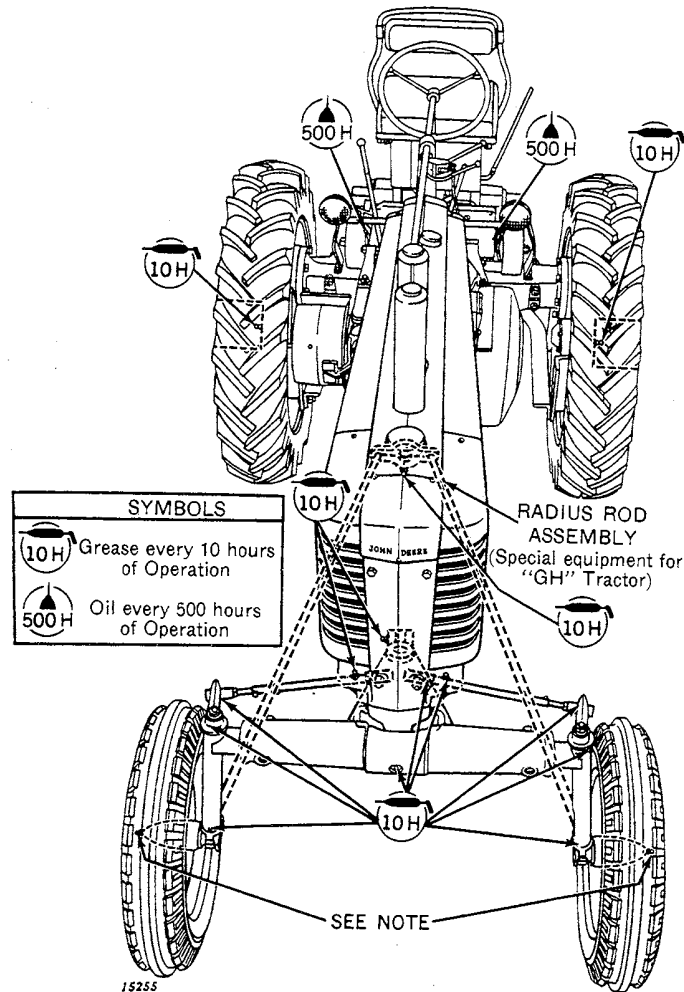


Figure 2—Lubrication Chart

*NOTE: Front wheels are packed with wheel bearing grease at the factory and need cleaning and repacking every 6 months under normal conditions.*

Where there is danger of mud and water getting into the front wheel bearings, due to operating in extremely wet and muddy conditions, grease front wheels **every** 10 hours with gun grease until the wheels can be removed and bearings cleaned and repacked with wheel bearing grease.

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