Tractor Operators Manual 9-9870 Reprinted



THIS SAFETY ALERT SYMBOL INDICATES IMPORTANT SAFETY MESSAGES IN THIS MANUAL. WHEN YOU SEE THIS SYMBOL, CAREFULLY READ THE MESSAGE THAT FOLLOWS AND BE ALERT TO THE POSSIBILITY OF PERSONAL INJURY OR DEATH.

M171B

If Safety Decals on this machine use the words **Danger**, **Warning or Caution**, which are defined as follows:

- DANGER: Indicates an immediate hazardous situation which if not avoided, will result in death or serious injury. The color associated with Danger is RED.
- WARNING: Indicates an potentially hazardous situation which if not avoided, will result in serious injury. The color associated with Warning is ORANGE.
- CAUTION: Indicates an potentially haza us situation which if not avoided, may result in minor or moderate injury. It is ay also be used to alert against unsafe practices. The color association with Caution is YELLOW.

If Safety Decals on this machine as follows:

- The first panel indicates the nature of the hazard.
- The second panel indicate appropriate avoidance of the hazard.
- Background color is it. Low.
- Prohibition symbols such as





ST

if used, are RED.



IM' BOPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH. BEFORE USING THIS MACHINE, MAKE CERTAIN THAT EVERY CARRATOR:

- Is instructed in safe and proper use of the machine.
- Reads and understands the Manual(s) pertaining to the machine.
- Reads and understands ALL Safety Decals on the machine.
- Clears the area of other persons.
- Learns and practices safe use of machine controls in a safe, clear area before operating this machine on a job site.

It is your responsibility to observe pertinent laws and regulations and follow Case Corporation instructions on machine operation and maintenance.

© 2001 Case Corporation

Bur 0-00000

March, 1995 (Revised October, 1997)

CASE and IH are registered trade marks of Case Corporation

TABLE OF CONTENTS

TO THE OWNER III	ALTERNATOR CHARGING SYSTEM 32
SAFETY IV-XVI	TOWING 32
Safety RulesIV	
Before StartingIV-V	OPERATING INSTRUCTIONS 33-137
Operation	Run-In Procedure
Service XV-XVIII	Before Starting the Engine 34
	Digital Instrument Cluster 35-60
HAND SIGNALS XIX-XX	Programming Tire Size 38-40
	Programming Static Loaded Radius . 41
DECALS XXI-XXV	Programming Dynamic
DEGREE	Loaded Radius
SERIAL NUMBERS1	True Ground Speed
OLITIZE NOMBERIO	True Ground Speed Sensor 44,45
DIESEL ENGINE SPECIFICATIONS 2,3	Programming Atta ment Width . 48,49
DIESEL ENGINE SPECIFICATIONS 2,0	Programming Pr. W. el
GENERAL SPECIFICATIONS 4-7	Position Mon Tr 50,51
GENERAL SPECIFICATIONS	Operating Serv. Monitors and
ADDDOVINATE TRACTOR SPEEDS 9	Bar Indicator
APPROXIMATE TRACTOR SPEEDS 8	
ADDDOVINAATE OVER ALL	Automat, Shidown System (If quiphed)58
APPROXIMATE OVER ALL	
MEASUREMENTS 9	Eng h/ letric Selection 59
A DEPOSITATE TO A NODODE METOLIE	Instrument Cluster
APPROXIMATE TRANSPORT WEIGHT 9	inctional Checks
0,000,000,000	ansmission/Steering Diagnostic
OPERATORS CAB9	Monitor
TIDE AND WILEEL FOLUDIATINE	Transmission/Steering
TIRE AND WHEEL EQUIPMENT 10	Diagnostic Codes
MUSEL TREAD POSITIONS	Operating Controls
WHEEL TREAD POSITIONS 12	Steering Console
TIDE DECOUDE	Steering Column Tilt
TIRE PRESSURE12	Telescopic
FUEL ORFOLFICATIONS 12.14	Steering Column
FUEL SPECIFICATIONS 13,14	Operators Console
15 01	Park Brake Control
LUBRICATION 15-31	Fuel Tank Water Traps
Engine Hourmet	Cab Headliner Controls 84,85
Lubrication +	Cab Air Flow Control
Diesel Eng 9	Cab Defroster Control
Engine C	Cab Air Flow Arrangements 87-89
Engin Circlea r 20-22	Air Conditioner Operation 90
Turboc. Jer Oil Filter	Cab Door Lock90
Rear Steering Valve Filter 24	Ash Tray 90
Rear Steering Hydraulic Oil Filter 25	Rear View Mirrors91
Transmission Oil Level	Cab Window Lever
Check & Change	Operators Seat 92,93
Transmission Oil Filter 27	Seat Belts94
Hydraulic Oil Level	Amber Warning Lamps, Direction
Check & Change	Turn Signals & SMV 95,96
Hydraulic Oil Filters	Implement Warning Lamps and
Planetary Oil Level Check & Change . 29	SMV Symbol97
Differential Oil Level Check & Change . 30	Auxiliary Outlet Socket 98
Tractor Prokon 31	

TABLE OF CONTENTS

OPERATING INSTRUCTIONS	PREVENTIVE MAINTENANCE (CONT'D)
Starting Procedure 99,100	Fuel System
Stopping The Engine	Service Intervals 149
Cold Temperature Operation 102	Fuel Filter Replacement 150,15
Preparing Tractor For Operating in	Primary Fuel Filter 152,153
Cold Temperatures	Air Removal
	Air Induction System 156-164
Cold Temperature Starting 104-107	•
Ether Starting Fluid	Air Filter Service Interval 157
Coolant Heater	Air Filter Service 158-16
Starting Fluid Container	Aspirated Strata Tube Service . 162,163
Replacement	Tubes and Hose 164
Power Shift Transmission 108-111	Electrical System 165-168
Drawbar 112-114	
Power Takeoff	Head Lamps
Operating PTO	Flood Lamps
Guards	Flashing Amber Warning Lamps 166
Operating Safety	Tail Lamp
	Instrument Cluster Lamps 167
Remote Hydraulic Control 118	Fuse Panel
Remote Control Levers 118,119	Head Lamp Adjustment 168
Variable Flow Courol 120,121	Storage Battery 169-171
Operating the Ren to ystem 122	When Batteries Are Not in Use 169
Hydraulic Hase Couplers 123	Battery Cables and Terminals 169
Hydraulic Hong Coupling 124	Battery Water
Remote Vinder 125	Vent Caps 170
Hydranic Vinder Jack Pads 126	Removal & Installation of Batteries . 170
Wheel 'a' it, g	Auxiliary Battery Connections 171
Γ uaι 'hee' '.ounting	Parking Brake Adjustment 172
7 e Nounting 129	Roll Over Protective Structure
oaus Matched to Tractor 129	(ROPS) 173,175
1. actor Ballast 130-136	Tractor Roll Over 174
Weight Distribution 130-132	Safety Rules
Tractor and Equipment Weight 133	Maintenance and Inspection 175
Front End Weights	Operators Cab 176-189
Tire Liquid Weight	Preventive Maintenance 176,177
Measuring Slip	Air Filter Service 178-180
Hood and Side Panels	Seat Belt Inspection
Tipod and older ancis	and Maintenance
PREVENTIVE MAINTENANCE 138-192	
Cooling System 139-148	Operators Seat
	Refrigerant Check
Pressure Cooling System 139	Compressor Belt Adjustment 189
Coolant Solutions	Compressor Belt Replacement 186
Engine Cooling System Treatment . 140	Compressor Belt Alignment 18
Radiator Cleaning	Dome Lamp
Cooling System Service 142	Console Lamp 189
Thermostat Check	Valve Tappet Adjustment 190-192
Thermostat Replacement 143-145	
Fan Belt Adjustment 146	CASE TECHNICAL MANUALS 193
Fan Belt Replacement 147	
Water Filter and Conditioner	

(If Equipped) 148

TO THE OWNER OF A CASE TRACTOR

Use this manual as your guide. If you follow the instructions given in this manual, your Case Tractor will work well for many years.

Your Authorized Case Dealer can assist you with Case Company made parts and persons with special training that know the best methods of repair and maintenance for your tractor.

Call your Authorized Case Dealer if you need any assistance or information.

Your Authorized Case Dealer



Figure 1

NOTE: When you are in the tractor seat looking forward, the right hand and left hand of the tractor are the same as your right and left hand.

Buy now

Case 4994 Tractor PDF Operator's Manual

With Instant Download