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MANUAL PREVIEW

Minneapolis Moline

Operator's Manual

ZASI

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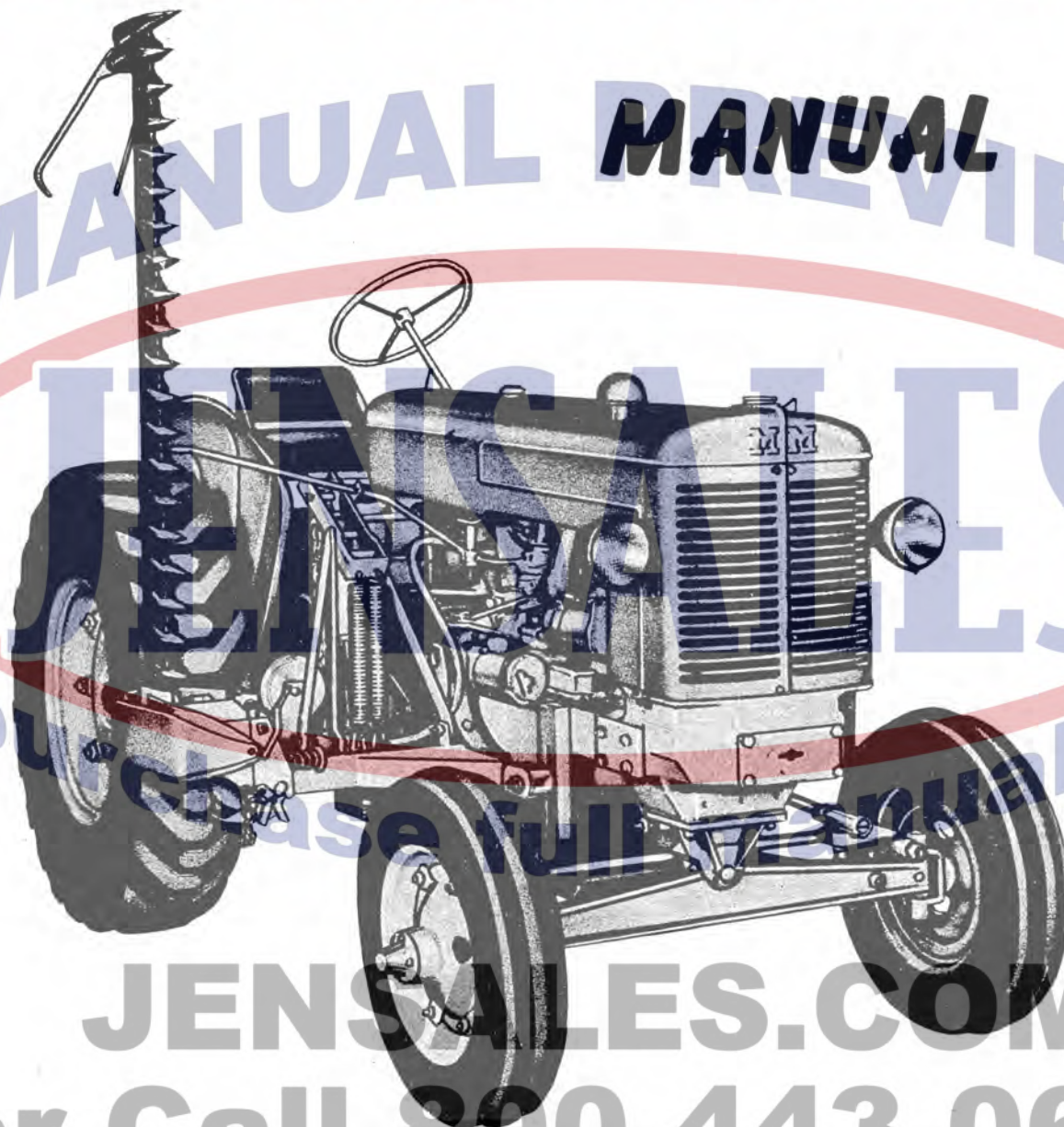
TRADE MARKS AND TRADE NAMES CONTAINED AND USED HEREIN ARE THOSE OF OTHERS, AND ARE USED HERE IN A DESCRIPTIVE SENSE TO REFER TO THE PRODUCTS OF OTHERS.

MM-O-ZASI

Operator's Manual

OPERATION & MAINTENANCE

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MODEL "ZASI" TRACTOR

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WHITE MOTOR
CORPORATION

White Farm Equipment Company

2625 Butterfield Road

Oak Brook, Illinois 60521

MINNEAPOLIS-MOLINE MODEL "ZASI" TRACTOR

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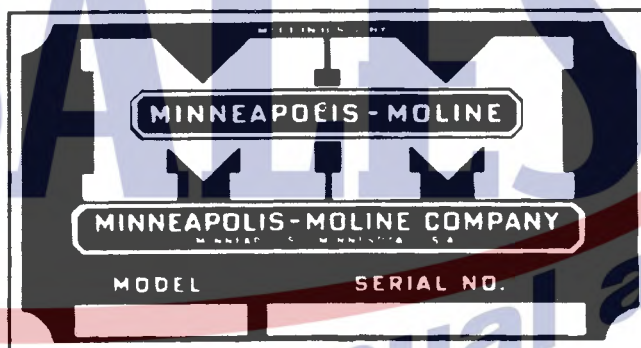
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SERIAL NUMBER LOCATION

The following cuts are sample model and serial number plates found on the tractor, tractor engine and the mower.

To have the model and serial number of the equipment easily accessible, write the various numbers appearing on the equipment in the spaces provided.

Include the model and serial numbers when ordering repair parts or in any correspondence concerning the equipment.



ENGINE NUMBER

Plate riveted to left side of the engine crankcase.



TRACTOR NUMBER

Plate riveted to right side of transmission case.



MOWER NUMBER

Plate riveted to mower main frame.

SPECIFICATIONS

CLICK ANYWHERE FOR MORE DETAILS

AIR CLEANER

Make Donaldson
Type Oil Bath

CAPACITIES (U. S. Measure)

Air Cleaner Cup 1½ Pts.
Engine Crankcase 7 Qts.
Fuel Tank 19 Gal.
Transmission & Differential Case 7 Gal.
Cooling System 15 Qts.

CARBURETOR

Make Marvel-Schebler
Size 1" Flange

CLUTCH

Type Spring Loaded
Make Rockford
Size 11 Inch

ENGINE

Make MM
Model 206B-4
Cylinders Four
Piston Displacement 206 Cu. In.
Bore 3¾
Stroke 5
Governed Speed (No Load) 1650 rpm
Governed Speed (Full Load) Max. 1500 rpm
Valve Clearance (Operating Temp.)
Exhaust Valves010
Intake Valves008
Valve Clearance (Cold)
Exhaust Valves018
Intake Valves010

FOOT BRAKES

Location Countershaft
Type Internal Expansion
Make Bendix

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LUBRICATION

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FOR LONG LIFE AND ECONOMICAL TROUBLE FREE SERVICE, WE RECOMMEND THAT THE OPERATOR BECOME THOROUGHLY FAMILIAR WITH THE LUBRICATION INSTRUCTIONS. A LUBRICATION CHART WILL BE FOUND ON PAGE 7. FAMILIARIZE YOURSELF WITH ALL LUBRICATION POINTS AND FOLLOW ALL INSTRUCTIONS CAREFULLY.

POINTS LABELED "SEE INSTRUCTIONS" ON THE LUBRICATION CHART ARE EXPLAINED IN THE FOLLOWING PARAGRAPHS.

ENGINE OIL

WE RECOMMEND USING ONLY HIGH QUALITY MOTOR OIL MARKED BY A REPUTABLE CONCERN.

THE FOLLOWING OIL VISCOSITIES ARE RECOMMENDED ACCORDING TO THE CLIMATIC CONDITIONS. THE CRANKCASE CAPACITY IS 7 QUARTS.

ABOVE 32°	SAE 30
10° TO 32°	SAE 20W
BELOW 10°	SAE 10W

CHECK THE OIL LEVEL TWICE DAILY AND ALWAYS KEEP IT BETWEEN THE LOW AND FULL MARK ON THE DIPSTICK. NEVER OPERATE THE TRACTOR WITH THE OIL LEVEL BELOW THE LOW MARK.

ON A NEW TRACTOR CHANGE THE OIL AFTER THE FIRST 25 HOURS OF OPERATION. THE SECOND OIL CHANGE SHOULD BE AT 100 HOURS. DURING THIS FIRST 100 HOURS OF OPERATION THE TRACTOR SHOULD NOT BE PUT UNDER HEAVY LOADS. UNDER NORMAL CONDITIONS THEREAFTER THE OIL SHOULD BE CHANGED EVERY 100 HOURS.

IF THE TRACTOR IS SUBJECTED TO EXTREMELY DUSTY OPERATING CONDITIONS OR TO SHORT RUNNING PERIODS IN COLD WEATHER, THE OIL SHOULD BE CHANGED MORE FREQUENTLY.

TRANSMISSION LUBRICANT

WE RECOMMEND USING ONLY A HIGH QUALITY MULTI-PURPOSE GEAR LUBRICANT. THE USE OF THE FOLLOWING VISCOSITIES IS RECOMMENDED.

WINTER	SAE 90
SUMMER	SAE 140

THE TRANSMISSION CASE CAPACITY IS 28 QUARTS. KEEP THE LUBRICANT UP TO THE LEVEL PLUG AT ALL TIMES. WHEN REFILLING OR ADDING GEAR LUBRICANT, THE CASE MAY BE FILLED EITHER THROUGH THE LEVEL PLUG HOLE OR THROUGH THE FILLER CAP HOLE ON THE TOP OF THE TRANSMISSION CASE COVER. THE DRAIN PLUG IS LOCATED ON THE BOTTOM OF THE TRANSMISSION CASE.

DRAIN THE LUBRICANT EVERY FALL AND SPRING. DRAIN ONLY AFTER THE TRACTOR HAS BEEN OPERATED AND THE GEAR LUBRICANT IS WARM. DRAINING GEAR LUBRICANT REGULARLY WILL AVOID COSTLY REPAIRS.

STEERING COMPARTMENT

KEEP THE COMPARTMENT FILLED TO THE LEVEL PLUG WITH A HIGH QUALITY SAE 140 MULTI-PURPOSE GEAR LUBRICANT.

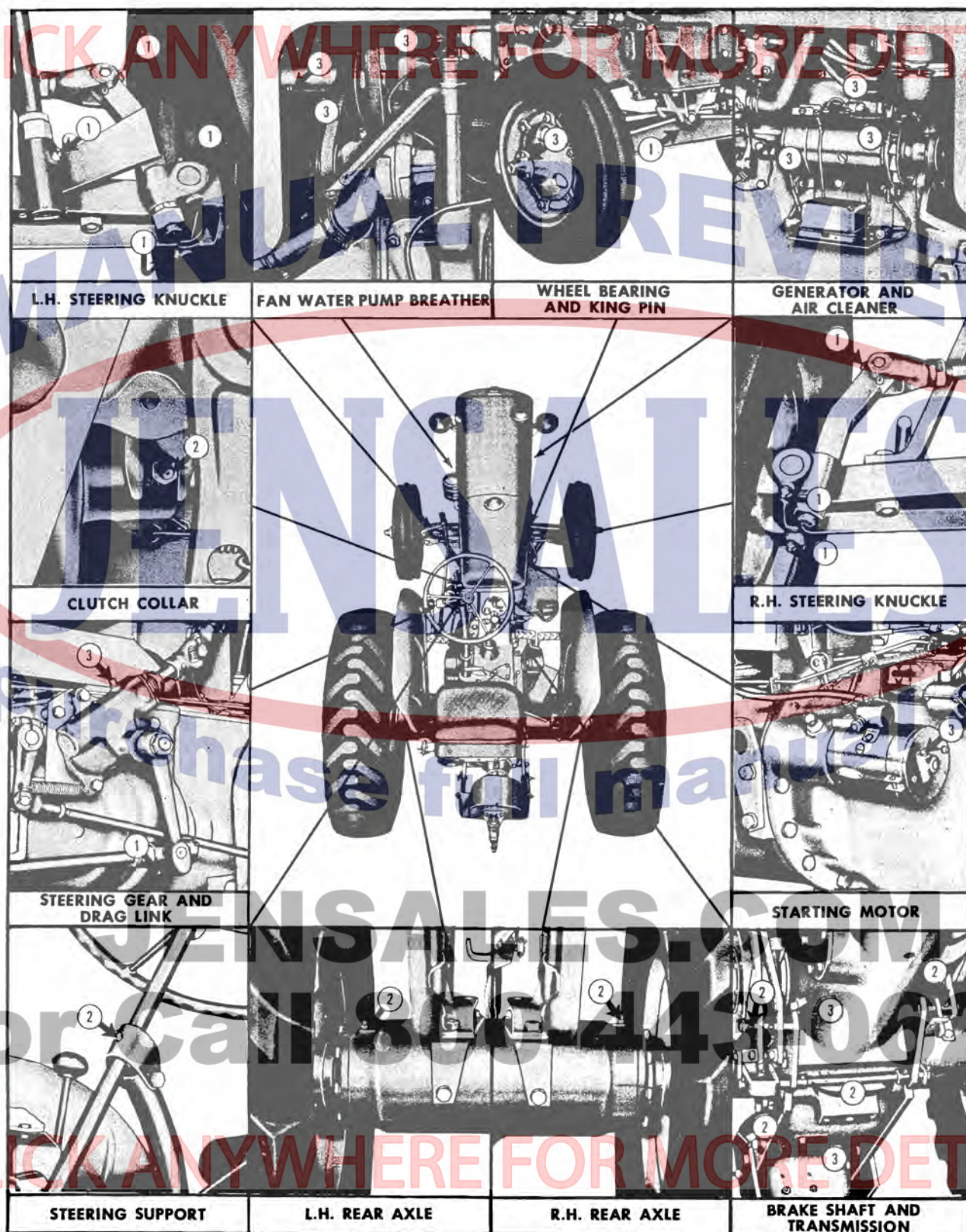
BREATHER

CLEAN THE BREATHER ELEMENT WITH CLEANING FLUID AND SATURATE IT WITH MOTOR OIL DAILY.

FAN HUB

LUBRICATE THE FAN HUB WITH SAE 140 GEAR LUBRICANT EVERY 60 HOURS OF OPERATION. FILL THE CAVITY ONLY HALF FULL AS THE MOTION OF THE HUB WILL THROW OUT THE EXCESS LUBRICANT.

MINNEAPOLIS-MOLINE MODEL "ZASI" TRACTOR



LUBRICATION CODE: ① CHASSIS LUBE DAILY ② CHASSIS LUBE WEEKLY ③ SEE INSTRUCTIONS