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MANUAL PREVIEW

Caterpillar

Operator's Manual

D6

S/n 4R1 to 4R3633

5R1 to 5R5515

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Operator's Manual

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Lubrication Instructions

GENERAL LUBRICATING INFORMATION

Careful attention to the following information on lubricants and their proper selection will add much to performance, economy and long life of your tractor. The lubrication chart specifies the lubricants to be used, the points to be serviced and the hourly intervals of servicing according to "Hour Meter" hours.

All time intervals in the lubrication chart and maintenance instructions are for "Hour Meter" hours, therefore, daily readings will tell when to service the tractor. The "Hour Meter" is located on the left of the engine near the bottom of the filter housing. It does not keep pace with the clock but when the crankshaft turns as many revolutions as are made in an hour at normal operating speed, the dial advances one number.



COVER ON HOUR METER RAISED TO OBSERVE DIAL READING

Drain oil, check oil levels and refill compartments with the tractor level. It is best to drain oil when it is warm, after the tractor has run for some time. Then, most of the sediment will be in suspension, and therefore, will readily drain.

Use the brush supplied in the tool equipment when removing dirt from fittings and cleaning around air cleaners, breathers, and inspection covers. Lubricate all miscellaneous points, not equipped with fittings, with crankcase lubricating oil every 60 hours.

Naturally, any precautions taken during cold weather to house the tractor, cover it with a tarpaulin, or warm it before starting, will cause more rapid oil distribution and contribute to quicker starting. The engine should always be allowed to idle at not less than half throttle for several minutes after starting to assure adequate lubrication before operating on normal load.

All oil companies have adopted the S.A.E. (Society of Automotive Engineers) viscosity number system which classifies crankcase lubricating oils and transmission oils in terms of viscosity or fluidity. The

CO CRANKCASE LUBRICATING OIL

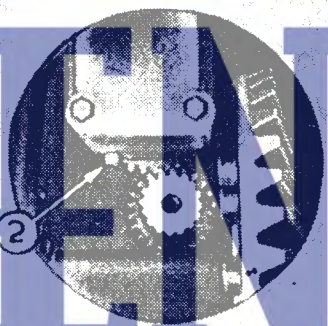
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HYDRAULIC STEERING CLUTCH HOUSING

1

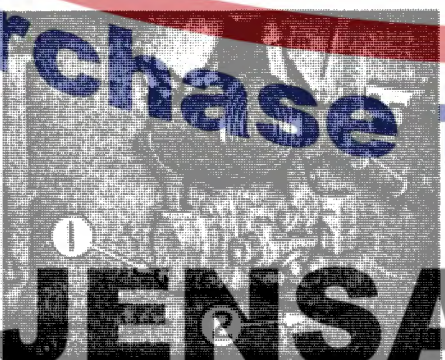
Check oil level at plug (1) every 240 hours. Keep oil level to level plug at all times. After bringing oil level to plug, move levers back and forth a few times to force out entrapped air; add lubricant to bring oil level to proper level. Prevent any dirt from entering the housing.



HYDRAULIC STEERING CLUTCH HOUSING

1

If it becomes necessary for some reason to drain the housing, remove the drain plug (2) which can be reached by removing the cover located in the center of the back of the steering clutch case.



STARTING ENGINE CLUTCH

7

Check oil level by removing plug (1) every 120 hours. Keep lubricant to level plug opening. Drain (2), wash and refill housing every 240 hours. See Topic, "Washing The Starting Engine Clutch."



STARTING ENGINE AIR CLEANER

8

Wash and refill cup every 60 to 120 hours to oil level mark. Wash filter section every 240 hours. See topic, "Care Of The Air Cleaners".

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