APPLE GROWERS

have many details to attend to at harvest time, some of which can be taken care of now. Among these are

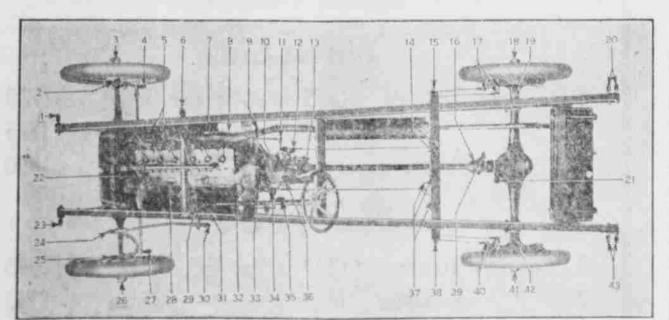
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HOOD RIVER GLACIER

HUDSON CORRECT LUBRICATION CHART



Daily, or every 100 obstruction or break in oil passages, | crankcase through valve compartment miles, pour fresh Zerolene No. 3 into The engine should immediately be four quarts of Calol Flushing Oil. crank case through filler pipe until oil stopped and the trouble located and Then start and operate the engine unlevel guage on crank case registers remedied.

"full." Avoid overfilling. Best results will be obtained if the oil level is maintained between "half full" and sence of such instructions, every 750 correct reading of the oil level guage, the autopobile should be approximate the autopobile should be approximate.

Transmission—36. Every 500 miles speed for from one to two minutes, by which time all oil passages and inner surfaces will have been cleansed by the manufacturer, or, in the about time all oil passages and inner surfaces will have been cleansed by the minutes, by which time all oil passages and inner surfaces will have been cleansed by the section of the flushing oil. Again remove drain plug and when certain that crankcase is thoroughly drained, the arreful matter and the arreful matter and the arreful matter and the arreful matter and the surface of such instructions, every 750 which time all oil passages and inner surfaces will have been cleansed by the section of the flushing oil. Again remove drain plug and when certain that crankcase is thoroughly drained, to overflow through opening. Then reder its own power at a moderate idling

It is autopobble should be approximately level and the engine not running. When engine is running, the oil pressure indicator on the dash should show pressure which will vary with the speed and temperature of the engine. If no pressure is registered, the indicator is lack of oil in crankcase, oil pressure is registered, the indicator is lack of oil in crankcase, oil pressure is registered, the indicator is lack of oil in crankcase, oil pressure is registered, the indicator is lack of oil in crankcase, oil pressure is registered, the indicator is lack of oil in crankcase, oil pressure is registered, the indicator is lack of oil in crankcase, oil pressure is registered, the indicator is lack of oil in crankcase, oil pressure is registered, the indicator is lack of oil in crankcase, oil pressure is registered, the indicator is lack of oil in crankcase, oil pressure is registered, the indicator is lack of oil in crankcase, oil pressure is registered, the indicator is lack of oil in crankcase, oil pressure is registered, the indicator is lack of oil in crankcase, oil pressure is registered, the indicator is lack of oil in crankcase, oil pressure is registered, the indicator is lack of oil in crankcase, oil pressure is registered, the indicator is lack of oil in crankcase, oil pressure is registered, the indicator is lack of oil in crankcase, oil pressure is registered, the indicator is lack of oil in crankcase, oil pressure is registered, the indicator is replace plug and refili crankcase reservoir through filer pressure is the oil pressure is the oil oil to drain. Then remove cover and should as the oil oil to drain. Then remove cover and should as the oil oil to drain. Then remove cover and steering the oil oil to drain. Then remove cover and steering knuckle bolts (2-25, oil to drain. Then remove cover and steering registering the oil oil to drain. Then remove cover and steering registering the oil oil to drain. Then remove cover and steering registering the oil oil to drain. Then remove cover and steering regist

remove the lower crankcase and clean sion Lubricant "B." the oil strainer surounding the oil

through small shutter on left forward-side of flywheel housing. Pour one Every 2,000 miles remove rear cap or half pint of Standard Auto Clutch Oil. Lubricant "A" to proper level, Then replace plug and close shutter. Electric Generator and Starting Mo- sion and rear axle are entirely lubri-

tor 7-8. Every 500 miles apply a few cated by splash from the revolving drops of Zerolene No. 3 through oil gears, hard grease should never be holes in front and rear end housing of used as a lubricant in either place,

Every 2,000 miles it is advisable to correct level with Zerolene Transmis- shaft (5), steering gear (29-31).

Rear Axle Housing-21, Every 500 turns: pump suction pipe. miles remove on filing plug in real housing and use oil gun to inject Zero-mission control (12), pedal shaft (35), clutch—32. Every 500 miles remove housing and use oil gun to inject Zero-mission control (12), pedal shaft (35), rear axle pinion bearing (39), rear miles remove oil filling plug in rear (9), clutch throwout yoke (33), transplug from clutch housing and allow old lene Transmision Lubricant "A" until rear axle pinion bearing (39), rear oil to drain off. Plug is reached it reaches level of elbow in filling wheel bearings (19-42).

quart of Pearl Oil (kerosene) into cover on housing and wash gears and clutch housing and replace plug. Then run engine for one or two minutes, Wipe out all old oil and kerosene from moving clutch pedal back and forth. bottom housing with clean rags. Do Remove plug, allowing kerosene to not use waste. Replace cover on housthoroughly drain, and refill with one- ing and fill with Zerolene Transmission Note: As bearing in both transmis-

Wheel Bearings-3-18-26-41. Every Steering Gear Housing-29. Every 2,000 miles remove wheels and wash

500 miles use grease gun to fill housing bearings and hubs thoroughly with with Zerolene Transmission Lubricant Pearl Oil (kerosene). Repack bearings 'B' through plug hole provided.
Universal Joints—13-16. Every 500 replace wheels, being careful to get proper adjustment on wheel bearings. rear universal joints and with grease | Springs, -Every 500 miles, or whengun fill joints with Zerolene Cup ever springs squeak, clean off all dirt Grease. These joints hold only a small and old oil and apply small quantity of amount of grease, and as they are con-Standard Household Lubricant along stantly in action and transmit a driv-ing power from engine to rear axle, it brush may be used for this purpose, or is important that they be kept well the oil applied by means of Standard lubricated. Household Lubricant Handy Can with

Every 300 miles - two complete Starter gear shifting shaft

General Lubrication. - Every 300 miles use squirt can to apply Zerolene No. 3 to all joints and small working parts not otherwise provided with lubrication, such as starter gear shift rod (11), brake pedai (34), brake rod clevis pins (14-17-37-40), and all brake con-nections. Care should be taken that all oil holes and passages are free from dirt so that clean oil may reach the surfaces to be lubricated.

Schedule of Lubrication :-Daily, or every 100 miles: Engine, spring bolts; steering knuckle boits; steering gear drag link; cross steering

Every 200 miles: Fan bearing; wa-

rod pins; clutch thrust washer,

ter pump shaft; steering gear, Every 300 miles: Starter gear shiftng shaft; clutch throwout yoke; transmission control; pedal shaft; rear axle pinion bearing; rear wheel bearings. Every 500 miles: Transmission; rear axle housing; clutch; electric generator and starting motor; steering gear using; universal joints; springs,

Every 750 miles: Drain, flush and efill engine crankcase, Every 2,000 miles: Transmission;

rear axle housings; wheel bearings, Lost Lake Has 247 Acres

GIBSON GIVES STA-TISTICS ON SCHOOLS

To the people of Hood River County: Once a year the County Superintendent of Schools is required to make a report of Schools is required to make a report to the State Department of Education in which detailed data is given on the schools of the county. Since the pub-lic schools cost more than any other public activity except war, and since the work of the schools is so vital to local and national life some of the data contained in this report should be of ively interest to the people.

For all purposes from all sources the county school system during the last year raised \$269,598.84. Of this amount \$233,671.73 has been spentuilded into intelligence and character in young life, we believe. There is yet on hand \$35,927.11, most of which is in the treasury of one district to be used to pay for a new building now being constructed. Our registration for the agent was 2.122 anniles. The average of the contract of the for the year was 2,172 pupils. The average expense per pupil was \$107.59. For salaries \$82,19.74 was paid to 77 teachers. An average of \$1,069.49 was paid each teacher. For new building and sites \$80,576.32 was expended. For and sites \$80,576.32 was expended. For all other purposes \$70,975.67 was paid.

Our total indebtedness, bonds and warrants, is \$261,311.5.4 The estimated value of all buildings and sites as appraised by school boards is \$369,412. Approximately one third of our school properties is paid for. We still owe the holders of our obligations for about two thirds of our school plants.

two-thirds of our school plants.

May we offer a few opinions andsuggestions, if you please.

The closest care should be exercised in the selection of teachers. The margin of difference between a good teachr and a weak teacher is slight. The cheap teacher is often the more ex-pensive in supplies wasted and build-ing and equipment damaged.

All bonds and other obligations should begin to fall due within five years afer the date of issue. Too much is beng paid in interest. Our school sys-

tem is becoming weighted with too many long time obligations. Our overhead expense would appear to be too beavy. Teachers should be urged to keep down running expenses by economy in the use of power, suplies, and repairs.

Our school attendance is not perfect; but it does approximate perfection. Few children are out of school who should be under instruction. School clerks are doing much work for little pay. Members of school boards are doing a fine faithful work gratuitously. Sincerely, L. B. Gibson.

Taxes

Editor Glacier: To go a little further n the tax matter and the salmon canners: It is no secret that the canners have at times paid for fish that later they threw back into the river when they could not secure the price that suited them. Perhaps if the canners paid a tax on the fish they would be willing to sell fish a little cheaper at times when the demand was lower than the supply instead of trying to hold up the price by the dumping pro-

The state legislature passed a law at the last session empowering a committee to ascertain what further taxable resources the state possessed. This committee is now making its investigation. The real answer to the problem is that the state like the individual must do with less money, to which the state replies that the people demand the things that the state is compelled to furnish money to carry out. Therefore the matter comes back to the individual. It is the voters who have carried most of the measures that increased the taxes. Therefore it will be the voters who will refuse to pass more measures to provide more money for the state to spend. The fact remains, however, that the measures would not have been on the ballot in a great majortiy of cases if the legislature had not referred them. Perhaps it would be a good idea to initiate a measure to keep the legislature out of session for a longer period than two years. The time to initiate such a measure is now, however. We must not let the legislature get into session again until we wish taxes raised.

The last legislature passed an act requiring all milling companies putting up any mixtures sold under brand names to have the mixtures analyzed by the state at \$9 per analysis. Then the miller has to file a statement with the state setting forth the results of this analysis and swearing that it is true at \$10 per swear. Each year he reswears and repays. Then in order to give some business to the printers who are asking for a 44 hour week, the state requires a label on each package stating what the contents are. This isn't so expensive, but it costs money. Who pays for it, the millers? One is reminded of the words of the preacher, "All the rivers run into the sea, yet the sea is not full," Citizen.

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