

## A Motor Which is Only 50 per cent Efficient is Only Half a Motor

No one but an expert has much of an idea how far off a motor is from its possible 100 per cent efficiency. Thousands of motors are 50 per cent motors—60 per cent motors—through no fault of their own. They leak compression, lose power and carbonize excessively. Their piston rings are simply at fault.

Let us install V-PLEX RINGS and your motor will be a super-efficient motor.

## Valley Garage

## Metz Cars

No clutch to slip—No gears to strip  
Runs where you will or when you will  
O'er roughest road or steepest hill

108-inch wheel base, Gray & Davis two-unit lighting and starting system, Willard batteries, mohair one man top, demountable rims, with extra rim and carrier.

Can you match it for the price?  
**\$695 f. o. b. Medford**  
White & Applegate, Agents  
132 South Riverside Avenue

# Autos

## HUDSON WINNER OF BOTH RACE AND \$1000 PURSE

The Santa Rosa populace is not yet over the many thrills provided for it last Sunday at one of the most spectacular dirt track automobile races ever held in northern California. The event, known as the 100-mile Floral Classic, was for a purse of \$1000 and was participated in by six contestants before a crowd of more than 5000 people. The winner, A. H. Patterson of Stockton, drove his Hudson Super-Six through a perpetual cloud of sand and dust at steady clip of more than a mile a minute, negotiating the 100 laps of the one-mile flat dirt oval in 96 minutes and 35 seconds. Bolden and Price, both in Dusenbergs, finished second and third, respectively.

In spite of the fact that the Super-Six maintained a steady and consistent pace throughout the event rather than any undue outbursts of speed, on account of the rough track, the Hudson took the lead about the middle of the race and held it until the finish. It was a case of "loafing" in the latter part of the classic.

Considering that this speed breaks the record for Santa Rosa's track and that the Super-Six was pitted against a field of sixteen-valve machines of widely known racing repute, Patterson's victory is truly commendable. Another outstanding feature of the Hudson's splendid showing was the fact that it was not once necessary to lift the hood of the Super-Six or make any adjustment whatever to the motor during the entire race, Patterson making but a single stop and that on the 96th lap for a tire change. The tire replacement, which was accomplished in 15 seconds, was merely a precautionary measure, for the Super-Six was two laps ahead of its nearest competitor and it meant but the loss of a quarter of a lap. The winning Hudson finished a lap and a half ahead of Bolden in a Dusenberg, which was second.—San Francisco Examiner.

## NEW AUTO BUSES FOR CRATER LAKE

Two new park auto buses will be put on between Medford and Crater Lake this year that will hold 15 passengers each and will make round trip every other day as heretofore, one car leaving Medford every day and one car leaving the lake each day. When the traffic warrants it the other autos will be run as heretofore.

Court Hall will be in charge as usual which insures the best of service and first class treatment to the traveling public.

## PURE WATER TO RUN BATTERY IS MOST ESSENTIAL

"Why must it be pure distilled water?" is a question often asked by motorists when the necessity for adding water to their storage batteries is brought to their attention. "Doc" Wright, in charge of the local Prest-O-Lite battery service station, answers the question in this way:

"It is perfectly natural for battery users to wonder why clean water of any kind cannot be used in storage batteries as well as distilled water. The answer is that water for battery use should be chemically pure as well as free from visible impurities.

"A storage battery is made up of scientifically proportioned chemical elements, combined to produce a certain result. The entrance of any foreign chemicals or minerals will seriously interfere with the battery's operation and may permanently affect its usefulness.

"City water and well water contain certain chemicals and minerals—among them chlorine and iron. The use in a storage battery of water containing these foreign elements disturbs the electro-chemical action of the battery, resulting in a reduction of the capacity of the plates and sometimes permanent injury to them.

"Rain water might be used, if caught in the open in jars or crocks, but not if allowed to come in contact with metal or wood such as eave-troughs, down spouts, buckets, etc.

"Boiling the water will not remove chemical impurities. The complete removal of chemical and physical impurities is only accomplished by the distilling process.

"Motorists who care for their own batteries should have a supply of distilled water for battery use in glass bottles or earthen vessels—never in metal or wooden containers.

"Many battery owners who do not care to go to this trouble themselves, stop regularly—every week or ten days in warm weather—at our service station, C. E. Gates Auto Co., where our battery experts add distilled water, when needed, while they wait. At the same time they make other tests on the battery as an extra precaution. This service is available to all motorists regardless of the make of battery or car.

## Automobile Notes

The automobile owner should remember this: The law increasing his license is now in effect. He will have to pay the increased license. The \$6,000,000 road bond bill will be voted on at the June election.

If it carries, the money raised from increased automobile licenses will be used in building roads. If the road bond bill fails the money may be used for other purposes.

Every automobile owner should not only vote for the bonds, but he should be a booster for the measure because of his direct and personal interest in the revenue derived from his license and the manner in which it is expended.

Out of a total of 1100 foreigners employed by the Studebaker corporation at one of the Detroit plants, only three refused to become American citizens in a canvass recently made, according to an investigator for the company. Every man of German birth in the plant signified a willingness to become an American citizen. The investigator also reported that many Germans have expressed a desire to join the American army in active war against the Fatherland.

**DEO** FOR RHEUMATISM and NEURALGIA  
Dennis Eucalyptus Ointment  
AT ALL DRUG STORES  
TUBES 25c JARS 50c

We Sell the Famous **Wiregrip Tires**  
THE TIRE OF A THOUSAND CLAWS  
Guaranteed 6000 Miles  
**Riverside Garage**

Fair List Prices      Fair Treatment



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# GOODRICH

## 375 SIZE (31 X 3 1/4 INCHES) 375

### BLACK SAFETY TREAD TIRES

YOUR Ford car stands higher and haughtier on those new Super-Tires—the Ford Car Tire of heroic size:

Goodrich's—"Three-Seventy-Fives"

More stylish in their extra size—more resilient in their extra rubber—they give your Ford car a smarter dress and greater comfort in smoother riding that thrice cancel their slightly higher first cost.

Fashioned with the five-finger Goodrich Safety Tread only, these are De Luxe tires for your Ford. Their resilience doubles the life of your car and triples the joy of your motoring.

What is more, they **OUTLAST** ordinary tires.

The B. F. Goodrich Company  
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Cost Little More  
These handsome, husky tires at little more money make a De Luxe Ford Car.  
Price Each 375 (31 x 3 1/4) \$13.95  
30 x 3 1/2 (Regular size) - 16.50

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Ask Your Dealer for Terms

"Best in the Long Run"

We carry full line of both Fabric and Silvertown Cord  
**GOODRICH TIRES**

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## Buy a Better Battery

Enjoy the abundant power, greater endurance and longer life of the Prest-O-Lite Battery. Feel its responsiveness to your touch on the starting button—its absolute dependability for good lights and quick starts.

There is a Prest-O-Lite Battery of the correct size for your car—a battery that insures the utmost in satisfaction and service.

We carry a complete stock of new Prest-O-Lite Batteries and battery parts. We inspect, repair and recharge batteries of all makes—expert work at reasonable prices.

Your battery will wear out before its time if you neglect it. Drive around today and let us take hydrometer readings to determine its condition and add distilled water if needed.

This service is yours for the asking, no matter what car you drive or what make of battery you now use.

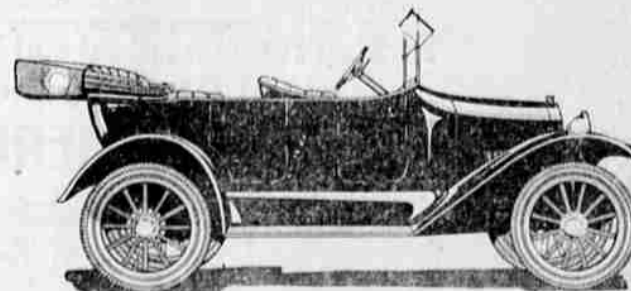
**C. E. Gates Auto Co.**

We have a service battery for you to use while yours is left with us for repair or recharging.



W. C. Durant, the veteran manufacturer, promised to give the world its greatest motor car value. That promise has been fulfilled.

## THE "FOUR-NINETY" MODEL



**\$625 HERE**

Is the world's Lowest Priced Electrically and Fully Equipped Automobile, but quality has not been sacrificed to make this possible. Every CHEVROLET model is backed by the great \$84,000,000 Chevrolet Company, the Durant Conscience and sold by a dealer whose policy is to deliver to the public what the public has a right to expect.

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