

GASOLINE BIG SPEED FACTOR SAYS DEALER

Cars are not the only factor in the winning of big auto races, says the local representative of the Union Oil company. Gasoline determines the result of many a contest, he believes. Commenting on the recent auto races in Tacoma, he stated:

"On August 5 a big race meet was pulled off at Tacoma, in which some of the most prominent racing men in the country took part, including Ralph De Palma, Barney Oldfield, R. Rickenbacher, P. Henderson, Wilbur D'Alene, M. Sorenson, Billy Chandler, David Lewis, A. Johnson, M. J. Moosle, Sterling Price, Omar Toft, Charles Latta and Tom Milton.

"Cash prizes aggregating \$10,000 were distributed, first prize of \$4000 being won by Rickenbacher, second prize of \$2500 by Milton, third prize of \$1500 by Lewis, fourth prize of \$1000 by De Palma, fifth prize of \$750 by Henderson, and sixth prize of \$250 by Toft.

"Every one of these drivers used Union gasoline in their cars, and paid cash therefor.

"It is a most significant fact that every driver entering the races used our gasoline. There was no free distribution of this product, and each one purchased and paid for the gasoline used. This is the very highest recommendation we could get. Thus it goes to show that the men in the racing game consider our product so far superior in every way, both for speed and power, that they would not even contemplate the use of any other product."

AUTOMOBILE TRAFFIC SHOWS 420 PER CENT GAIN

In the last six years there has been a surprising change in traffic using the 1,100 miles of highways embraced in the Massachusetts state system. Motor vehicle traffic has increased at the rate of 70 per cent a year and horse-drawn traffic has increased 6 per cent a year.

In 1909, when the state highway commission made its first traffic census, taken at 238 points on the road system, 61 per cent of all vehicles passing these stations were drawn by horses and only 39 per cent were self-propelled. The counts were made during 14 hours each for seven consecutive days.

In 1912 the percentage was reversed, 63 per cent being motor vehicles and 37 per cent horse-drawn. But the annual report of the commission for 1915, just issued shows that last year 82½ per cent of all traffic was motor driven.

During the six-year period the total traffic carried by the roads increased 145 per cent, but motor vehicles increased 420 per cent, while horse vehicles decreased 30 per cent.

INVENT CARBURETOR TO USE KEROSENE

"All these new schemes to produce substitutes for gasoline as a fuel for automobile engines will amount to very little in the long run," said a representative of one of the big oil companies the other day.

"What is needed most of all is for some genius to invent a carburetor that will make kerosene combustible. Any of the big oil companies would pay a large amount for a patent of this sort. It is impossible for the companies to move kerosene, and some of the cheaper grades of gasoline at present are nothing more than adulterations, in which as much kerosene has been used as permissible."

Engineers connected with the big oil companies have been trying to produce a carburetor that will make kerosene volatile, and from a source of reliable information it is learned that one engineer has been successful and as soon as his patents are allowed his company will announce the new carburetor, which, it is claimed, will revolutionize the oil business.

HARRY'S "GOOD EATS" RESTAURANT REOPENS

After a month's vacation on the coast, Harry, of "Good Eats" fame has reopened his restaurant on South Fourth street. In addition to the local trade he is taking care of a large number of motor tourists, who appreciate his good cooking and quick service. Harry also provides large numbers of tourist parties with lunches to be eaten on the road. "Good Eats," that's my motto, says Harry.

Farm Tractors in Demand

There are 7,000,000 farmers in the United States. Of this number one-half at least will use tractors and many of them will use a quantity. It is estimated conservatively that the United States alone will consume 4,000,000 to 5,000,000 of these farming machines and this number, with what foreign countries will use, will give a market for upward of 10,000,000 tractors within a few years.

MANUFACTURERS TO STANDARDIZE PARTS

The tendency in the industry of late has apparently been toward the further elimination of manufacturing effort on the part of the car builder. Mr. Jewett was therefore merely voicing present symptoms, or current trend, in so far as he expounded the advantages of assembling standardized parts. In this connection the Paige president pointed out that even the makers of standard accessories are adopting the assembling idea, so far as the modern idea of specialization progressed. Thus, a great many axle companies today are buying gears that go into their units; gear set makers do the same thing, buying gears and malleables and machining and assembling them.

There are certain things that car manufacturers seldom make, bearings, for example. Usually these are patented processes requiring intricate and costly machinery and the car makers can purchase a bearing from a firm making a specialty of this part and secure a better article at a cheaper price than he could possibly produce in his own factory.

It would not be an economical policy to install the machinery for certain parts. Take, for example, rear axle housings. Unless production were extraordinarily large the press to produce these housings would be idle three-quarters of the year.

WARSHIPS HAVE CARS ON DECK

Armored automobiles cradled on the decks of warships, in seagoing rafts, for the use of detachments of the United States marine corps in shore operations, may soon be added to the regular equipment of naval vessels.

Experiments at the Boston navy yard have demonstrated that these cars can be stowed aboard by the means of electric cranes on war vessels in a few minutes and take up small deck space.

OLDFIELD TO PILOT SPECIAL IN SANTA MONICA RACE

SANTA MONICA, Cal., Sept. 10.—The secret concerning the car which Barney Oldfield, master driver of the world, will drive in the Vanderbilt Cup and International Grand Prize races to be held at Santa Monica, on November 16 and 18, has leaked out, and the veteran was responsible for the leak.

Oldfield will drive a car to be constructed in Los Angeles from parts of his old De Lage and a new motor to be built by Harry Miller, a prominent automobile engineer of Los Angeles. Just what the car will be called Oldfield has not decided. The "war horse" gave out the information concerning the new car to dispel for all time the rumor that he would pilot a Packard or any other car made by eastern manufacturers.

The new motor will resemble closely the one which Harry Miller is building for Tom Alley in his new car which will make its first appearance in the cup classics. The innovations will include oil and gas lines cast integral with the crankcase, overhead cam shaft, 16 valves and all working parts enclosed. Several parts of the old De Lage, such as axles and frame, will be used in the new distance annihilator.

CARS ARE INSPECTED AT YOSEMITE PARK

At Yosemite park the park commission has a very able corps of inspectors at the gates. These men make a demonstration of the brakes of every car that enters and prod the tires pretty thoroughly to make sure that they will hold. Also they force the motorist to carry two extra ones.

They take more interest in the motorist than most of them do in themselves.

Some men will leave on long trips without even such little requisites as chains or rope. Roads now are sandy in many places. Sand requires special attention, and the most persistent sticker can be crossed in safety by deflating the tires a little and wrapping quarter-inch rope around the tire.

Even the most experienced drivers do not think of trying long trips without snubbers and shock absorbers, fore and aft. These devices, useless as they may seem on city pavement, often will add ten miles per hour to the possible road speed of the car on rough roads, and in a measure insure freedom from broken axles and transmissions.

CHICHESTER'S PILLS

THE DIAMOND BRAND. Ladies! Ask your Druggist for Chichester's Diamond Brand Pills. Red and Gold Seal. Take as directed. Sold by Druggists Everywhere.

CROSS COUNTRY TRIP A DELIGHT

Transcontinental motor travel has lost all its horrors, trials and tribulations, according to Mr. and Mrs. L. B. Gregory, who were in Medford a week ago en route to Crater lake. However, it is when one leaves the main trunk lines that some of the old-time experiences are encountered.

Recently Mr. and Mrs. Gregory, in a Model 75-B Overland, left Detroit, San Francisco was their destination, and the trip was planned more as an outdoor vacation than a motor tour.

To make this outing possible, Gregory installed a sleeping berth on the rear of the chassis. This was a most ingenious affair, and did away with pitching tent when night came on.

It was possible with this arrangement to carry all the necessities for outdoor life, which resulted in but few stops being made at the hotels.

Leaving Detroit on July 22, Gregory followed the Lincoln highway into Denver. From there he visited Colorado Springs, Estes National park, near Denver, and thence on into Yellowstone Park.

In speaking of this trip, Gregory says:

"From Detroit into Denver we followed the Lincoln highway, and found the roads in splendid condition.

"From the Yellowstone we traveled on to Salt Lake, and thence to West-guar pass into the beautiful Owens valley country.

"From Big Pine we traveled over El Camino Sierra to Los Angeles and thence on to the San Diego exposition. From San Diego we traveled over the coast route to San Francisco, being on the road a little more than a month.

"Arriving in San Francisco, we decided to continue our tour up the coast. We found most of the roads in good condition, with the exception of an exorable stretch between Redding and Dunsmuir. The trip over the Sierras, however, amply compensated for that."

OLD STYLE IS NUISANCE SAYS LITTLE

From the standpoint of convenience, says A. D. Little of the Medford Top Factory, no motorist who is the owner of a car with an out of date top can afford to get along without a one-man top. The change can be easily made and will never be regretted.

RURAL CARRIERS MAY AGAIN USE MOTORCYCLES

A bill permitting rural free delivery carriers to use motorcycles on their routes recently passed both houses of congress. About a year ago the postmaster general issued an order barring motorcycles, but later modified it to permit the use of motorcycles with side vans. The new law opens up a market for about 10,000 motorcycles.

TRAVEL TO LAKE SHOWING GAIN

Figures compiled by Will G. Steel, superintendent of Crater Lake park, show a heavy tourist travel into the park, with a total of 1393 cars passing through headquarters in August, 1916, as compared with 1023 in August 1915. The complete figures follow:

Total travel to August 31, 1915.....9315
Total travel to August 31, 1916.....8363

Excess of travel in 1915 over 1916.....952

Total automobiles to Aug. 31, 1916.....873

Total automobiles to Aug. 31, 1915.....1873

Excess of automobiles in 1915 over 1916.....33

August only

Total travel in August, 1916.....6095

Total travel in August, 1915.....5140

Excess in travel in August 1916 over 1915.....955

Total automobiles in August 1916.....1393

Total automobiles in August, 1915.....1023

Excess in automobiles in August, 1916 over 1915.....370

PICNIC CONVENIENCES SOLD IN MEDFORD

Many motorists have found that one of the most enjoyable features of their picnic jaunts is supplies by the icy cold or fire hot drinks enjoyed through the use of Thermos bottles. These motoring necessities are carried in a variety of styles at Heath's Drug store. This establishment which has recently undergone extensive improvements, also carries a large line of motor goggles.

GIM CHUNG China Herb Store

Herb cures for Earache, Headache, Catarrh, Diphtheria, Sore Throat, Lung Trouble, Cancer, Kidney Trouble, Stomach Trouble, Heart Trouble, Chills and Fever, Cramps, Coughs, Poor Circulation, Carbuncles, Tumors, Caked Breast, Cures of all kinds of Goitres—No Operation.

To Whom It May Concern: I am free from rheumatism. You can be the same by taking treatments from Gim Chung, the herb doctor. My rheumatism was so bad that it made me so weak that I could scarcely get up when I was down and the pain I suffered one could hardly know unless one had the same disease. I was truly dissatisfied and disgusted with life in my condition and trying to live. Now to my friends that care to be cured and would like to be free, try the herb doctor. He can certainly relieve in a very short time. Very truly yours, MRS. M. L. KOLE.

A Guaranteed Cure for Piles. No Surgical Operation Required. 241 SOUTH FRONT STREET, MEDFORD OREGON.

ACADEMY PUPILS ENJOY OUTINGS

Has St. Mary's academy any relation to the automobile? Ask any one of the pupils of that institution, mention casually the subject and you will be answered in the smile coming across their faces. The memory of many a happy auto outing with its following picnic will light up each face. For the sisters of the academy believe that study and recreation are indispensable to each other, that one makes the other more enjoyable.

Auto trips furnish one of the most convenient and enjoyable means of getting pupils away from the environment of the schoolroom. And so, at short intervals in the duration of good weather, the pupils are loaded into a big bus and taken to Ashland park, Grants Pass or some other outing place.

COUNTRY MOTORISTS PROFIT TO CITY MERCHANTS

The local and touring motoring public are not the only autoists to be reckoned with, according to E. W. Short of the Optimo cafe. This establishment for some years has made a practice of catering to the ranchers of the surrounding country and neighboring towns who come to Medford, for a day's pleasure or business. These people, Mr. Short is convinced, form one of a restaurant's most profitable sources of trade.

Corded velour is a new material for the early autumn extra coats. One in nut brown is made in the semi-fitted applied skirt model with the skirt very full. The cuffs are square and deep and the mink collar is square, hanging well down on the shoulders.

MOTORIST SAVED IN NOVEL MANNER

Homer Elwood of the Electric Shop, local Willard Battery agents, tells a good story of Willard performance.

While demonstrating a new car, a salesman for the Charleston (S. C.) Motor Sales company got into a pretty mess. He might have been there yet if the Willard storage battery on the car hadn't come to his assistance.

The car performed beautifully until it was driven into mud and water so deep that the motor stalled. Water came in through the carburetor air intake and starting again was impossible.

Luckily for himself and his prospect, the demonstrator wasn't afraid to try something. He ran the motor from the Willard starting battery, slipped into low gear and pulled the car entirely out of the mud hole with the electric motive power.



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Nurmi's Butter Nut
and
Pan-Dandy Bread



Our New Plant

--on South Front Street, now in course of construction--will soon be ready for our formal opening. This will be one of the most up-to-date plants anywhere West of Chicago.

Formal notice of the opening will be announced later.

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