

AUTOMOBILE RACE BATTLE SCENE TO CHANGE

Murphy and Hartz to Vie Again at Tacoma.

STRUGGLE IS EXCITING

Two Famous Drivers Who Fought at Indianapolis Will Continue Speed Feats.

TACOMA, Wash., June 24.—Far above the cry of who will triumph in the 11th annual national championship classic to be held on the Tacoma speedway on July 4 arises the "I will and you won't battle" between Jimmy Murphy, the Irish-American speed demon, and Harry Hartz, the San Francisco "boy wonder"...

The battle will be fought on Tacoma on July 4 and the rivalry between the two is expected to be a fresh heat. Both pilots have the fastest racing cars ever seen on an American track...

While Murphy and Hartz are waging their war they cannot claim all of the calcium. With such drivers as Ralph de Palma, Roscoe Scales, Cliff Durant, Ralph Mulford, Joe Thomas, Howdy Elliott and Tommy Milton...

TACOMA RACE TICKETS ON SALE HERE.

Tickets and grandstand seats for the automobile race at the Tacoma speedway July 4 may now be had at the Oregon State Motor association, 273 Pine street, in the Multnomah hotel building...

Several large blocks of seats near the center of the grandstand have been set aside for Portland motorists...

Flag Raising to Be Held. Soldiers, sailors and marines will aid in making the 1922 Tacoma classic a success.

Thousands of people will remain in Tacoma the night of the fourth and witness the American Legion presentation of Miss Elsie Janis, "the pal of the A. E. F." and "her gang" in their war-famed "Overseas Revue"...

NEEDLES ARE HARD ON TIRES

More Than Half of Punctures Traced to Phonograph Needles. CHICO, Cal., June 24.—Here's a new one: More than half of the punctures brought to a local tire house are declared to be caused by phonograph needles...

SNOWBANKS ALONG COLUMBIA RIVER HIGHWAY USED WITH ICE CREAM FREEZERS.



HEED COLLEGE STUDENTS PREPARE DESSERT FOR GUESTS AT LANCASTER CAMP.

Motorists who made the trip up the Columbia River highway early in the spring when the snow banks were still deep were frequently heard to remark that "this will last all summer and we can come up here and use the snow to freeze ice cream."

OAKRIDGE ROAD BETTER

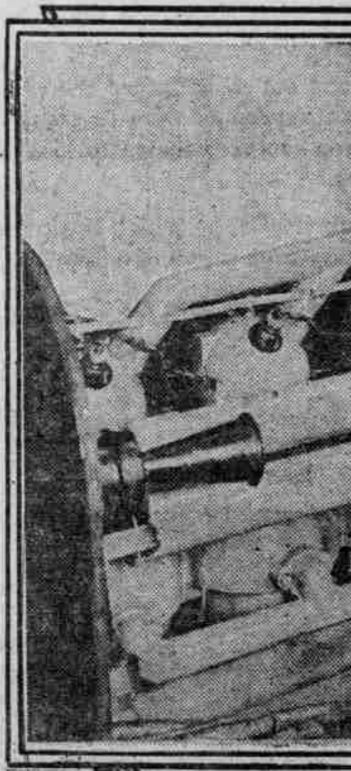
ROUTE OVER CASCADES SUMMIT TO OPEN IN JULY. Pacific Highway in Lane Finished, but Concrete Will Have to "Set" for One Month.

EUGENE, Or., June 24.—(Special.)—The road between Oakridge and the McCredie springs is now in pretty good shape for motor travel, according to Nelson F. Macduff, supervisor of the Cascade national forest, who has just returned from a week's trip into the forest in that locality.

The main road from Lowell to Oakridge permits of fast motor travel all the way from Lowell to hospital camp, 12 miles west of Oakridge, and between there and the north fork of the Willamette, eight miles, it is rough. Between the north fork and Oakridge the patrolman is spreading gravel and the road is in fair shape.

Above Oakridge the road as far as J. B. Hill's ranch is good and above there it is drying out fast and will soon be passable for cars, said Supervisor Macduff.

LUCE-MATTSON MOTOR IS SUCCESSFUL IN AUTOMOBILE.



New three-cylinder motor, a local invention, which is attracting interest in automotive engineering circles. Work of placing the Luce-Mattson three-cylinder motor, the invention of Louis L. Luce and Leroy Mattson, in an automobile and giving the motor a thorough test to determine its applicability for automobile propulsion was completed last week and the motor was given a series of tests...

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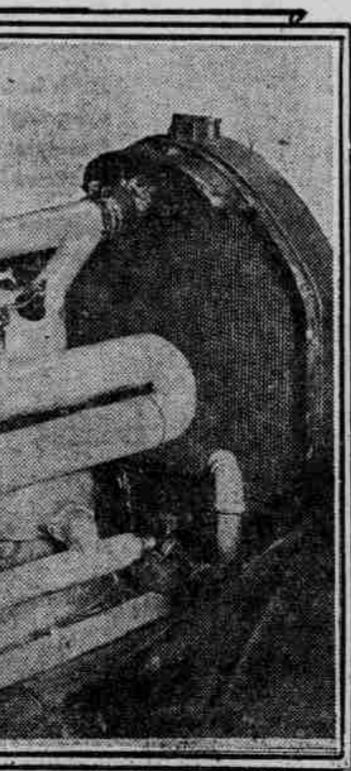
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CRATER LAKE REACHED

MOTORISTS GET TO RIM, BUT NOT WITH THEIR AUTO. Tourists From Indianapolis Praise Oregon Lake and Wonderful Josephine Marble Caves.

First tourists to the rim of Crater lake this year is the record claimed by Mr. and Mrs. J. A. Holton of Minneapolis, motorists who recently arrived in Oregon from California. Mr. and Mrs. Holton reached Portland last week in time for the Rose Festival, after having passed several weeks in southern Oregon seeing the scenic wonders of that section.

Mr. and Mrs. Holton have been motoring for three years. They started and now have visited every state in the Union except the England states and Washington. The last-named state they will visit within the next few weeks. They visited the south and southwest last fall, crossing to Lower California via the southern route, and spending the winter in that state.

RANKS OF NEVADA MOTORISTS GROW.

CARSON CITY, Nev., June 24.—Secretary of State Brodigan reports 9640 owners of motor vehicles have secured 1922 licenses, an increase of 423 over registrations for the same period last year. Registrations have been rapid since the state police and county aid city officials started their campaign against violators of the license law.

OBEDIENT TO TRAFFIC OFFICER.



Obey the traffic officer. The Holtons also expressed great admiration for the scenic wonders of America. Mr. Holton confided that they had been a little disappointed in California, but have fallen in love with Oregon. He declared they intend to stay in Oregon a year before concluding their vagabonding and returning to their home.

KEEPING AUTO FIT MAKES TRAVEL JOY

Frequent and Thorough Examination Always Pays.

FEW SUGGESTIONS MADE

Chandler Motor Car Company Touring Bureau Gives List of Value to Drivers.

The tourist, knowing that the joys of automobile touring depend largely upon the service his car gives him, should give it a thorough examination before starting on an extensive tour.

As an aid to owners who desire to condition their cars for summer touring the Chandler Motor Car company touring bureau has issued a list of hints and suggestions that should be of value to all who drive cars. The bulletin gives as among the more important points to be checked up the following:

Examine the electrical equipment to make sure that the generator and ammeter are functioning properly and that the lighting circuit, starter and horn connections are secure.

Examine the brakes. Determine that they are free and do not drag with lever and pedal released and that they hold with pressure even when pedal is depressed or lever drawn back.

Proper inflation is as important as proper loads. Under-inflation results in flexing of the layers of fabric, which causes early deterioration of the tire.

Do not change inflation pressure with change in atmosphere temperature. More damage results from trying to compensate for an increase in the tire temperature than is done by the increase in temperature itself.

Check timing of motor. Note operation of clutch and whether there is excessive play in clutch pedal.

Check timing of motor. Note operation of clutch and whether there is excessive play in clutch pedal. Careful inspection of the car, checking the points outlined here, will minimize the attention the car might otherwise require en route and increase the pleasure of touring.

PENDLETON BUSINESS BOOMS

Nearly 1000 Tourist Cars a Week Now Visiting City.

PENDLETON, Or., June 24.—(Special.)—The automobile industry is booming in Pendleton, not only in the sale of new and second-hand cars, but in accessories and operating needs of the tourist public.



According to a check placed on tourists passing through Pendleton by the Pendleton branch of the Oregon tourist and information bureau over 800 cars from Pacific and mid-

FOUR GENERATIONS MAKE TOUR IN OVERLAND FOUR.



MEMBERS OF MANNING FAMILY OF PORTLAND AND OVERLAND SEDAN, IN WHICH THEY RECENTLY MADE TRIP TO LOS ANGELES.

In the old days of "get out and get under" only those of vigorous age and husky constitution responded to the call of the open road. But nowadays, with the comforts and dependability of a closed car brought to a superlative degree, the whole family, from the youngest to the oldest, enjoys the drive. Witness the above for proof—four generations, ranging from 10 months to 79 years, on a trip from Portland to Los Angeles, enjoying every moment of the journey.

The speed limit signs, always an annoyance to the motorist, are to be done away, but the motorists will be required to use good judgment, courtesy and caution.

NO SPECIAL LAWS FOR ENGLAND.

England is preparing to abolish all her speed laws for motorists and drivers of other road vehicles. Enforcement of the regulations for dangerous driving and increased penalties for violation of the regulations are, however, contained in the report of the committee on taxation and regulation of road vehicles.

MAY LIMIT TIRE SIZES.

It is suggested in a report from the tire division of the Rubber Association of America that pneumatic tire sizes be limited to four. The sizes recommended are 30x3 1/2, 31x4, 32x4 1/2 and 33x5.

FULLY 90 PER CENT OF THE PASSENGER AUTOMOBILES IN CHINA ARE DRIVEN BY CHAUFFEURS AND NOT BY OWNERS.

Fully 90 per cent of the passenger automobiles in China are driven by chauffeurs and not by owners.



As your motor begins to "warm up," what happens to the oil? It thins, of course. But just how does it thin and how does it act when subjected to the high operating temperatures?

Upon the answer to that question depends the proper lubrication of your car.

Zerolene, being made from selected crudes and scientifically refined by our patented vacuum process, resists engine heat; it retains its lubricating "body" at all operating temperatures. It does not decompose or "break down." It clings to the bearing surfaces and maintains a perfect film of lubricant.

A Minimum of Soft, Flaky Carbon

If the motor is getting proper lubrication, some oil slips past the pistons and is consumed by the flame of combustion. In burning, all oils deposit carbon on the cylinder walls and cylinder heads. Inferior oils deposit a hard, gritty carbon in considerable quantity.

It is this hard carbon deposit which causes pre-ignition, breaking and sticking of cylinder rings, overheating, loss of power, warping and splitting of exhaust valves, and wear of valve stems.

Zerolene deposits a minimum of carbon of a soft, flaky nature which can do no damage and is usually blown out with the exhaust.

Lubricate exclusively with Zerolene, adopting the recommendations embodied in the Zerolene chart of recommendations, and you will develop the maximum power, speed and gasoline mileage of your car.



more power & speed ~ less friction and wear ~ thru Correct Lubrication

USED CARS TO USE 28-30 NORTH BROADWAY Covey Motor Car Co. BROADWAY 6244

ALLEN & HERBARD CO 64-66 Broadway distributors for Thermoid CROLIDE COMPOUND TIRES Auto Accessories, Equipment and Parts Across From the Artisans' Building and One Door North