

INCREASED COST OF TIRES LOOKED FOR ABOUT JULY 1

Lack of Machinery Needed to Spin Tire Fabric Is Given as the Reason.

Notwithstanding repeated reductions in the price of commodities at the present time, tire manufacturers look for a further advance in the price of tires about July 1, according to the Sprague Tire & Rubber company of this city.

The reason for the anticipated advance is not caused entirely by a shortage of cotton although a scarcity exists. It is rather attributed largely to the enormous shortage of manufacturing equipment that is needed in spinning tire fabric.

Cotton contracted for by tire manufacturers a year ago at \$1.30 a pound is practically used up. Many tire companies by June 1 will be using cotton fabric costing \$2.25 a pound, so it is not unreasonable to expect a further advance in tires.

Texas Tour Tests Show Capabilities of Truck

The soundness and practical possibilities of the national Ship-Building movement are receiving their most effective demonstrations in the different sections of the country.

A 402 mile jaunt was recently staged in Texas that has done much to emphasize the full significance of the idea and it was not without some spectacular features.

The tour, sponsored by the National Association of Truck Sales Managers and operated under class 1 rules started out of Dallas with 35 entries and covered a more or less circuitous route embracing McKinney, Sherman, Bonham, Honey Grove, Ladonia, Wolf City, Greenville and Wells Point.

The Paige-Detroit Motor Car company entered its one-and-a-half-ton job, sometimes referred to as the "Farm Special" and Paige men are much elated at the showing it made as it remained in the vanguard throughout the trip, carrying a 33 per cent over-load.

To make a good showing the trucks were obliged to demonstrate their qualities as speed wagons and their ability to negotiate long and deep stretches of black mud. It was necessary for a number of the trucks to get rid of their loads. When Greenville was reached there were only four entries left and only three departed. The Paige was one of those and rolled into Dallas triumphantly, still carrying 4 1/2 33 per cent over-load.

Additions Are Made by Napoleon Motors Company

Additions and improvements which have been made at the plant of Napoleon Motors company, Traverse City, Mich., during the winter months, have surprised men of the trade who have been making their spring trips to Traverse City to arrange for increased shipments to all points of the United States and to foreign countries, during the coming year. So great was the pressure for manufacturing space that the main offices of the company were moved to the center of the city, and the former office building was occupied for factory work. The company devotes one complete new building to its export business, which is growing constantly larger. It is preparing to add several more factory buildings. C. D. Peet, sales manager, and W. C. Rath, general manager, state that demands which are constantly growing will require more additions during the year to enable keeping pace with the business.

Autos Bought Today Are Equipped With All Extras

"Many remember the days when automobile tops were sold as an 'extra,' when it cost the buyer close to 20 per cent of the purchase price of the car to provide the rather modest accessories needed for ordinary car driving. Those who look back to the auto shows eight or ten years ago will recall this condition.

"Even on a popular priced car like the Allen," said J. T. Bartlett, automobile sales manager of Linger Implement Co., "there is nothing extra to buy, except an extra tire, which most people will order either at the time of purchase or soon afterward."

More Trouble in Buying Indians Than Selling Them

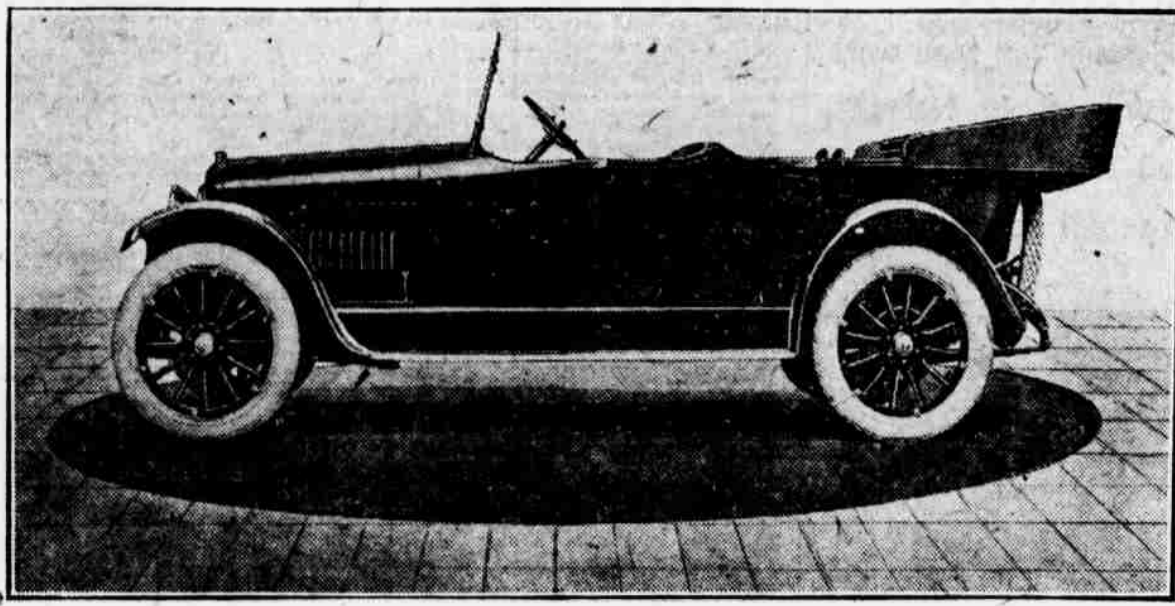
Sam, the Indian man, proprietor of the Omaha Bicycle company, was feeling good Saturday, after having received an invoice for a carload of 3 Indian motorcycles from the factory at Springfield, Mass.

Mr. Boord says he has had no trouble in selling Indians, but lots of trouble in buying them. This carload will relieve the demand for a week or two at least, he says.

Tire troubles end when you use INRGARDS Nails and other sharp objects are prevented from reaching the inner tubes thus eliminating 90% of all punctures INRGARDS are guaranteed to be blowout proof. They are composed of three plies of genuine tire fabric actually vulcanized together adding that much to the backbone of the tire casing.

Distributed by
McCord-Brady Co.
Omaha, Nebraska

Turntable Gives Good View of Car



In planing the new home for the Nash and Lafayette at Twenty-eighth and Farnam street, R. W. Haywood of the Haywood-Cameron Motor Co., arranged a real surprise which is a very novel way to display an automobile.

Close to the window facing Far-

nam street a turntable, large enough to accommodate a touring car, has been built into the show room floor. This can be driven at any speed desired thus turning the car around and around. Those who view a car on this turntable can see it from every angle.

The new home of the Nash and

Lafayette is most modern in every sense and well located. This building is a fine tribute to R. W. Haywood, who is one of the younger generation of automobile men. Haywood attributes his success to good products, good service and square dealing.

Flat Tread Pneumatics Stand Twice the Wear

Trucking on pneumatics without the flattening out which deforms the ordinary round tread truck tire under normal conditions, is now possible, according to an announcement made by chemists of the Miller Rubber company, Akron, Ohio. Deformation of the ordinary tread under load has long been a problem in tire manufacture. Its recent solution by means of a flat tread is particularly interesting.

When a load is placed upon a round-tread tire it causes it to flatten out in order that the tread surface necessary to bear the load will come into contact with the road. The amount of this deformation depends both upon the weight of the load and the air pressure in the tire.

To solve the problem it was simply a question of building up the tread so that it would have the maximum amount of road surface under normal conditions.

It was also found that such a tread scuffs away at only about half the rate of the round tread. For example, where 1,000 miles with the round tread will wear off 1-5 of a pound, the flat tread will wear off only 1-10 of a pound.

Cole Solves Question of Strength Without Weight

By adopting aerotype principles of engineering to its Aero-Eight models, the Cole Motor Car company has successfully solved the problem of obtaining abundant strength without bulky weight.

Only the proper synchronization of all units such as is found in the airplane made this achievement of Cole's possible. Weighing but 3,600 pounds, the Aero-Eight is possessed with the strength and stamina of a seaplane. Its perfect balance enables it to adhere to the road under all conditions and at high speeds. At the same time this balance contributes materially to its economic operation and its uniform efficiency.

Smother the Fire.

Ammonia generates a heavy vapor that tends to seek the floor. In case of a gasoline fire this vapor settles on the flames, keeping off the air and smothering the fire. A good sized bottle of ammonia hung from the roof of the private garage by a light but strong string makes no mean fire extinguisher. The principle is that the flames burn the string, letting the bottle fall and break on the cement floor, when the ammonia vapor spreads and tends to smother or at least check the fire.

China Welcomes Cars Coming From America

A constantly increasing regard for American products in China is indicated in a recent report from E. G. Willem, traveling representative, Dodge Brothers, Detroit motor car manufacturers. The popularity of the Dairoi car, or rather the characteristic manner in which it continues to prove its right to popularity, is having a highly favorable influence on American trade in general.

"Every Dodge Brothers car that comes into China increases public confidence in the trade-mark 'Made in America,'" according to Mr. Willem, who left Detroit nearly a year ago on a tour of the far east. "Its record of performance is so good that the Chinese are beginning to feel that anything made in the U. S. A. must have merit. American manufacturers should strive conscientiously to justify this confidence by exporting only first class goods."

Omaha and Council Bluffs Show Speed in Truck Buying

Omaha and Council Bluffs, according to W. H. Murphy of the Western Motor Car Co., are showing signs of real speed in truck buying. The Western Motor Car Co. recently sold a three-ton Riker truck, costing \$9,000, to the city of Council Bluffs. This will be used by the street cleaning department and is equipped with a Studebaker combination flusher and sprinkler body. Another four-ton Riker was sold to the Monarch Manufacturing Co. Riker trucks are made by the same company making the Locomobile.

Nickel Cleaner.

Ordinary silver polish, such as every housewife knows, is the best medium for cleaning nickel parts about the car. The polish is rubbed on and then rubbed off with a soft cloth.

BUILT FOR GAS ECONOMY

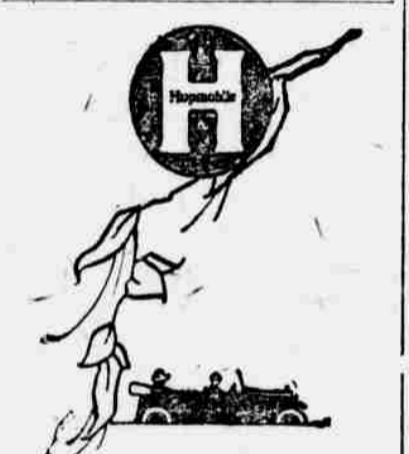
Gill Piston Ring Co.
1923 Farnam St.
Omaha

Good Accessories Better Than a Long Guarantee

"Many car owners today are being attracted by long time guarantees when buying accessories," says Elmer Rosen of the Nebraska Storage Battery company. "But the wise motorist will stop to consider whether he wants to buy a guarantee or an article of dependable merchandise. More and more, the American motorist is coming to regard the long guarantee with a bit of suspicion. 'If this article is made right in the first place,' he says, 'and the manufacturer is sincere in his desire to protect his good reputation, why should it be necessary for him to shout his guarantee from the house-top or parade it in front of me in his effort to sell me his product?'"

Hood Finish.

The hood of the car is most likely to suffer damage before the rest of the body finish. This is true because of its being exposed to heat from the engine. Part of this trouble can be obviated by fitting an asbestos lining inside the hood. However that may be, the car owner may help things by wiping off the hood carefully after it has been exposed to the rain. Rain tends to spot the finish of the hood because it is hot. As a matter of fact, the entire body finish will be better preserved if it is wiped off after coming in from a rainstorm.



NOBODY who knew, ever disputed the exceptional worth of the Hupmobile.

Victor Motor Co.
2523-25 Farnam St., Omaha, Neb.

Hupmobile



Boston had but 22 private wheeled vehicles in 1768.

Oklahoma has 276 pants for the recovery of gasoline.

The royal Canadian mounted police are adopting motorcycles.

There are eight different tire factories in the New England states.

Norway has more than 16,400 motorists, of which 403 are women.

Including all the cars manufactured, the average price of automobiles is \$2,500.

Henri Fournier, a Frenchman, brought the first bicycle motor to this country in 1899.

Founded 50 years ago, the first rubber factory was established in Akron, O., in 1870.

Motor trucks are used by fully 75 per cent of the 2,400 copper, lead and zinc mines in the United States.

At the Michigan Agricultural college there are 50 young Russians registered in the motor tractor course.

For the protection of members many automobile clubs in the United States are establishing legal departments.

Columbia university 20 years ago established a department of motor vehicle construction in the school of mines.

It is found that motor thieves in New York City will steal anything from high priced limousines to jitney delivery trucks.

Motor tractors are employed with considerable success in logging operations in Burma, India, on ground too soft for elephants.

Practically 28,000 carloads of automobiles were shipped by rail and 46,000 motor vehicles were delivered overland during March.

Laid out in 1913 and proclaimed as a memorial to Lincoln, the first great highway of national importance is the Lincoln highway.

The first and only automobile ever shipped to Bermuda frightened the horses, and the inhabitants threw the machine into the sea.

More than 350 manufacturers of automobile parts and equipment are opposed to the introduction of the metric system in American industry.

One pint of gasoline contains enough power to lift six tons 750 feet into the air—200 feet higher than the top of the Washington monument.

Free Oil Holes. At this time of the year thousands of car owners are sending their vehicles to have them repaired and re-finished generally. Here is a worthwhile piece of advice: Have all exposed oil holes stuffed with felt or waste to prevent their being painted over and so closed up. The latter condition will result in failure of the oil to reach the bearing surface that needs it when the car is next run.	Packing Gasolene Pumps. About the only satisfactory material for packing the stuffing box of the gasoline pump is hemp string and soap. Gasoline will dissolve practically any kind of oil used as a lubricant, but it has no effect on soap, so that this material may be used in place of grease as a lubricant or in place of red lead in making screw joints tight.	Vacuum Tank Failure. When the vacuum tank fails on the road it is possible to get up enough pressure temporarily to feed the fuel by blowing in the main line. By repeating this process every quarter of a mile enough fuel will be fed to get the car to a garage where repairs can be made. Japan is expending more than \$12,000,000 yearly on good roads.
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