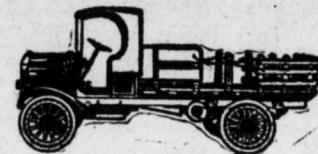


AUTOMOBILE SECTION

AUTOMOBILE NEWS AND ADVERTISING



H.B.G. MOTOR CAR CO. GETS DANIELS EIGHT AGENCY

Local Firm Makes Announcement of Securing the New Line

Announcement was made a day or so ago that the Harrisburg Motor Car company, 104 South Fourth street, has secured the agency for this territory for the famous Daniels Eight Cars. These cars are among the better grade cars and are made in several different models, covering practically every use to which a motor car can be put.

The Daniels is made by the Daniels Motor Car company, at Detroit and has been on the market for a number of years. It has never been represented in Harrisburg before but is sure to be among the winners here. While it has been used extensively in the larger cities, it is fast being adopted in cities the size of Harrisburg where motorists are getting awake to the many advantages of the high class cars.

THRIFT IN HUMBLE PLACES

[From the Buffalo Courier.] New York city has a pushcart citizen, seventy-eight years of age, who since December, 1917, has saved \$838 in war stamps. He turned up at the Federal Reserve Bank the other day, and for his war stamps received one of the new treasury savings certificates, good for \$1000 January 1, 1924. Uncle Sam is greatly in need of thrifty citizens like the New York pushcart man.

IN MORE THAN ONE WAY

[From the Birmingham Age-Herald.] Those Boston policemen who went on a strike certainly did spill the beans.

WE HOPED SO!

[From the Albany Evening Journal.] Some day, old age will "get Villa."

SCORED CYLINDERS REPAIRED

(Lawrence Process)

No new pistons required.

METAL WELDING

of all kinds

Aluminum a specialty.

Machine Work of All Kinds

HARRISBURG WELDING AND BRAZING CO.

86-95 S. Cameron St. Both Phones.

A.C.A. MAKES TEST OF GASOLINE AND BENSOL MIXTURE

Made to Ascertain H. P. Rating and For Carbon Deposit

In recent test made by the Automobile Club of America gasoline and a mixture of gasoline and bensol as fuel for automobiles, disclosed some interesting features. The tests were made to determine the relative efficiency between the two products. They were held in the laboratories of the club in New York City and were under supervision of the chemists and engineers of the club.

A four-cylinder N Continental motor 3 3/4-inch bore by 5-inch stroke (220.9 cubic inch piston displacement) attached to an electric cradle dynamometer was used. The motor was provided with a Stromberg model L. B. 2 carburetor, Bosch DU 4 magneto and Titan A.C. spark plugs the points of which were set at .015 inches apart. Before each test was begun on a different fuel, the motor was thoroughly cleaned, and after each test the condition of the carbon was noted.

Straight gasoline showed 12.4 H. P. at 550 revolution per minute, and 21.1 H. P. at 2042 R. P. M. Straight bensol showed 18.9 H. P. at 824 R. P. M. The mixture, which was about three-quarters bensol and one-quarter low grade gasoline showed 13.8 H. P. at 647 R. P. M. and 32.2 H. P. at 2034 R. P. M. This showed that bensol gave a higher brake horsepower throughout the speed range than it was possible to attain with commercial gasoline. The amount of fuel consumed showed gasoline 1.22 gallons per brake horsepower, bensol .107 gallons per brake horsepower and the mixture showed .109 gallons per brake horsepower.

The general condition of the motor showed that after the gasoline test there was very little carbon deposit, the same in the mixture test and hardly any that was noticeable after the bensol test. In the test of the bensol and the mixture the carburetor was set to give a leaner mixture and the timing was set 12 degrees after dead center whereas in the gasoline test it was set at dead center. Better results were shown with the carburetor and timing set at that position in the bensol and mixture test.

The mixture of bensol and gasoline is being commercialized in this territory by the Great Western Oil Company under the name of Crystal Pep. This product is practically the same as the mixture in the tests that were made in New York.

HARRISBURG'S NEW DRIVE IN GASOLINE SERVICE STATION



Harrisburg has at last a drive-in service station for gasoline and oil. This new station is at the corner of Mulberry and Christian streets, one block east of the eastern approach to the Mulberry street bridge. It is operated in connection with a general automobile accessory store and supply house by the firm of Barley and Sloane. This is a new venture in the gasoline business in Harrisburg and one that should be appealing to all motorists. It is now used extensively in other cities and has

Electricity Best of Farm Servants

Thousands of Farm Homes Already Have Electric Plants. Satisfied Users Influence Farmers in Buying

A traveler through the country today notices one thing more than any other, and that is the number of farms where electric service is now used.

A few years ago, three or four at most, the coal-oil lantern and lamp and the long-handled wooden pump, which stood in the barnyard, and froze up each winter, were symbols of the farm, just as the street car and the department store are symbols of the city. With the farm were associated ideas of old-fashioned ways of doing things, of hard work and long hours.

But what a change has taken place! Drive into the country at night and look at the farm houses you pass. In a great many of them, instead of coming from one or two windows, the bobbing point of light that marked a lantern being carried up to the house from the barn, you will see the whole place brightly lighted. Drive into the barnyard. Instead of waiting while someone at the house lights a lantern and comes out, you'll suddenly find the whole yard flooded with light from an electric lamp on a pole in the center of the yard, or perhaps on a corner of the barn. And when some one comes out you'll find that he has turned on the yard light from inside the house.

Then he'll take you through the house and barns and show you what difference electricity can make on the farm.

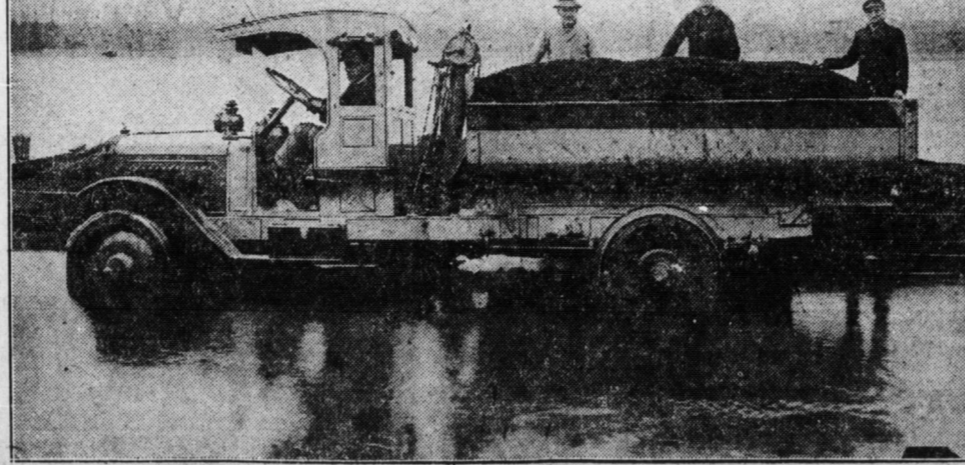
As you go through the country you will find a surprisingly large number of farms electrically equipped. And nearly all of this equipment has been put in within the last three or four years. One manufacturer alone announces "over seventy-five thousand satisfied users," a surprising fact, in view of the farmer's well-known tendency to make a long and thorough investigation before he buys anything in the way of farm equipment.

What, then, is the reason for this rapid increase in the rural use of electricity? Simply this, that electricity has proved to be wonderfully useful on the farm. Much more so, in fact, than in city homes.

Electric light is not only superior to all others as a light, but is much more convenient, much safer, and, in farm usage, save a great amount of time. The difference between turning a switch at the house and lighting a lantern has already been mentioned, and this greater convenience is found throughout. Upstairs lights can be switched on from the lower hall, and even the barn may be lighted from the house.

This convenience effects a great saving of time. The daily cleaning and filling of lamps is no longer necessary. There is no walking from barn to house to get a lantern. And in the barn itself, it is found that the well-placed electric lamps make every movement surer and faster.

HAULING COAL FROM THE RIVER IN A REPUBLIC DUMP TRUCK



The above illustration shows a Republic model 20, 3 1/2 ton dump truck being loaded with river coal from a barge in the river off the shore above Maclay street. The truck is driven into the water parallel with the shore and then pulls its load out of the water and up the steep bank to the street level. It makes a haul of more than a half mile in distance.

MOTOR TRUCKS TO AID CIVIC PRIDE

Will Be Big Help in Bettering Living Conditions in City and Country

Co-operation of the Government is a reality now that the real value of interurban lines of motor trucks is realized, for the farmer and for the city dweller. Motor trucks are going to be a great factor, according to Arthur T. Murray, president of the Bethlehem Motors corporation, Allentown, Pa., in developing city pride and in bettering living conditions, both in the city and in the country. In the past it has been the custom of inhabitants in districts off the railroads to concentrate their buying in towns along the railroads because of the inability of the small storekeepers to secure goods easily and quickly the goods for sale in their own towns. All that is changed now for the motor truck lines are bringing direct to the small storekeepers from the big centers the goods they want, and bringing the material daily. The farmer and small town inhabitant do not have to travel now to distant points to find goods wanted, and pride in the development of home industries will assist in building up the country stores as nothing else could have done.

"The motor truck," said Murray recently, "has done much in this direction and is building up a better social condition and a community spirit which portends well for the future. Improvement of conditions as regards the merchants and their customers is not the only great change of the day. Motor trucks are to-day making the life of the farmers more comfortable while. Few stop to realize the changes that have come to the tiller of soil in a few short years. Take the telephone, the rural free delivery, the automobile, the motor truck, the tractor and rural express, all unknown not so very many years ago, and there is a combination which has meant much to the man who grows the crops so necessary to existence. Motor trucks have played an important part in the new era for the farmer, and with the construction of great road systems will add still more to the life of the man who farms. Where, not so long ago, he started for the market the night before and drove plodding horses all night long to reach the market early in the morning, he now enjoys a night of sleep and travels the distance in a couple of hours and is back again on the farm in short order. His time is valuable and, where highway systems have been completed, the farmer does not even go to market, but piles his produce on the loading platform at his front gate with his city orders, and then, the trucking company which has his contract, comes along, takes away the goods he has to sell and brings back the goods sought by him from the city. With his added time

proved highly popular. The members of the new firm are both well known automobile and gasoline experts. Mr. Barley has been traveling this territory for some time for a gasoline and oil firm and Mr. Sloan was connected with a local automobile firm.

Red Cross to Send Field Unit to Minsk

Paris, Sept. 27.—As a sequel to the capture of Minsk, by the Polish army, the American Red Cross has authorized the sending of a field unit into that city from its headquarters in Eastern Poland. The efforts of the Red Cross unit will be chiefly concerned with general relief and anti-typhus work. Supplies for the new work are being furnished from the American Red Cross warehouses in Bialystock.

Reports from Minsk say that people are dying fast of hunger and typhus. Medicines, soaps and nourishing foods are the most imperative needs. A soup kitchen will also be set up in Minsk.

he tills more and more of his farm, adds to the value of his work in increase of production, and has more time to enjoy life with his automobile in pleasure trips to the city, with which he is in touch by telephone and through delivery of mail at his door by the mail carrier in an auto."

IF WITH DUE CARE
[From the Boston Transcript.] "Now, be careful. These canoes tip over very easily."
"Would it be safe," began the girl timidly, "to—"
"Yes!"
"To shift my chewing gum to the other side of my mouth?"

H. C. L. ILLS
[From the Courier Journal.] There is less sickness nowadays from overeating than there was before the war, but more from looking through plate glass at what you'd eat if you could afford it.



Stearns 1920

THE Stearns 1920 will fulfill all your motor hopes. Many studied touches of distinction are an integral part of every model. Every car embodies mechanical excellence that insures the utmost in performance.

In the making, each car is a separate unit. They are built in limited quantities—to satisfy critical motorists. Therefore you should see and test the Stearns. Demonstrations can be arranged to suit your convenience. Call or telephone today.

Harrisburg Motor Car Co.
Distributors
104 S. 4th St., Harrisburg.

"Say, Tom, Can You Fix My Tube Right Away? I'm in a Hurry."

Tom was busy building up a retreading job but turning to the man of all work around the establishment he said, "Jim go take the tire of this man's car and bring it in here. It's a hurry up job." Fifteen minutes later the tube was back in the tire and the tire was out on the machine.

That's what I'd call real service and fast work.

THAT'S THE KIND OF SERVICE YOU GET AT BLACK'S

VULCANIZING, RETREADING, REPAIRING ACCESSORIES, MOTOR OILS, GASOLINE

BLACK'S GARAGE
205 S. 17th St. Phones

Leading Motorists Hail "RAYDEX" As Greatest Device For Headlamps

Made of metal, it will not break and absolutely controls the rays of light—is within the law.



EVERYBODY WHO HAS USED "RAYDEX" ENDORSE IT. YOU CAN'T BREAK "RAYDEX." THEY LAST AS LONG AS THE CAR.

COME IN AND SEE THEM
DAUPHIN TIRE SERVICE CO.
DISTRIBUTORS
206 North Second Street Harrisburg

REDMOND'S Big Special Tire Sale

Means a big SAVING for you as well as for Jim Smith, Bill Jones and their neighbors

Have You Taken Advantage of it?

Size	Price	Gray Tube	Size	Price	Gray Tube
30x3	\$9.75	\$1.85	32x4	\$20.75	\$3.50
30x3 1/2	\$12.50	\$2.10	33x4	\$21.60	\$3.80
32x3 1/2	\$14.40	\$2.50	34x4	\$22.25	\$3.90
31x4	\$19.80	\$3.10	35x4 1/2	\$29.85	\$4.90

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TEMME Guaranteed Springs For Every Make of Car
Save Time and Money by Calling on Us For Springs

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