#### FORCE FEED OILING SYSTEM

That is the Method Used in the New Eight-Cylinder Cadillac Automobile-

#### RHEIM DECLARES IT IS THE BEST

"The eight-cylinder Cadillac has a de pendable and economical oiling system," says George Reim. "The Cadillac engine equipped with what is known as a force-feed pressure circulating oiling system. Between the two blocks of cylindera is located an oil gague visible from tuch side of the engine, with a dial that will show when the oil is low and needs to be filled. The filling of the oil is enslly done by removing a small cap from either block of cylinders and pouring the oil through this hole.

At the front end of the engine is an oll pump a gear pump, which draws the oil from the reservoir at the bottom of the engine and forces it through a pipe running parallel to the crank shaft. Leadlas from this pipe are three smaller ripes through which the oil is forced under pressure to the three main bearings of the crank shaft. The pressure is manntained by a pressure valve located at a point near the rear of the engine. The oil after being forced through the hearing flows through a hole drilled in the crant shaft to each of the connecting red bearings and is forced through a hole in the connecting rod bearing to the outwhic, where the oscillating connecting rod paciliates so that all of the main and connecting rod hearings will receive a positive atream of cil, forced to their er pressure "They are literally floating on a cushion of oil. The wear upo these parts in thousands upon thhousands of miles would be very slight, if any.

Gauge Tells Pressure. "As the oil is forced up to the pressure raive, a pressure gauge on the instrument board of the car incicates the pressure tanintained in the circulation of the oil. This acts as a positive indication that the oil is circulating properly. Should the gauge full to register or the needle fluctuste the operator will know that he has neglected to put oil in the reservoir. As the oil passes the pressure valve it flows through a pipe running directly over the cam shaft. From this pipe the oil is fed to the five cam shaft bearings and through the hole in the end of the cam shaft it lubricates the pressure pump which is driven from a cam on the end of the cam shaft. From the open end of the pipe just referred to the oil flows down over the front end of the mechanism such as the silent chains and gears. giving them a perfect flow of oil; this oil then drains back into the reservoir, being strained through a very fine wire mesh rause. The gauge is a 100-mesh, containing in one square inch 10,000 holes. This prevents particles from passing into the oil and interfering with the circulation. "The car will run from 500 to 600 miles on one gallon of lubricating oil."

## Quartermasters in Army Experts in Choosing Cars

There are no more expert purchasing agents in the country than our army quartermasters. It is their business to buy right and to test thoroughly before placing their order, and the Palge comtheir cap that one of their cars has just been bought by Major Timberlake, quartermaster of the United States Military academy at West Point.

When a motor car is wanted the one car that comes nearest to filling the specifications is sought. It must pass minute examination and every mechanical part must be the best of its kind. It is then put through its paces, and if the performance proves antisfactory it is bought, regardless of price.

Sales Manager Krohn of the Paige commany, in speaking of the matter, said: "I am more pleased with this order from Major Timberlake than orders from a dozen opera stars, governors, or other prominent personages. In order to make this sale, we had to show that our car was right all the way through-it was not the color of the paint or the lines of the body, or the popular price that Major Timberlake wanted—it was serv-

## Advice for New Auto

drivers has this to say:

Take your time during the first month, keep cool and have a reason for everything you do, and above all think-do not forget it-think-and you will get along all right.

"What each pedal is for-know what each button will do-but be sure about it-and do not lose your head. Then you will not get into any trouble.

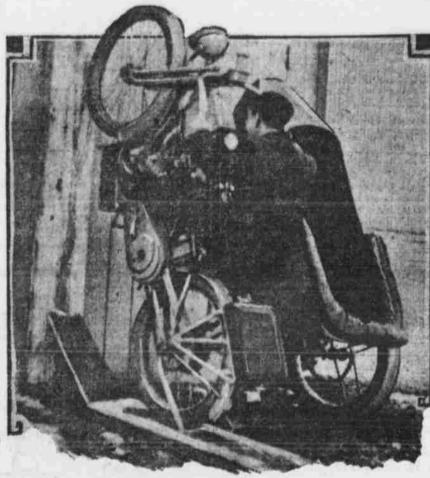
"Barly morning is the best time to learn the rudiments of driving. Go alowly and keep to the right. Get in the babit of watching for street cars, both on the street you are driving and on the cross

"After a short period, when you feel satisfied you have mastered the elementary things, drive later in the day when tell the same story. the traffic is heavy. But be careful. This will accustom you to the crowds. During the learning period drive slowly. Do not speed up. Most of the trouble

nes from driving too fast. "Pind out all about your car and treat it with consideration. Watch lubrication. You do not go without food for several days, nor should you allow your car to be without sufficient oil and water. "And remember your car is a piece of anchinery. It is not infallible. Do not expect the impossible of it."

## HANS WAGNER MAKES LONG

TALK AT BIRTHDAY DINNER "Hope the Pittsburgh Nationals win the world's champtonship," was all Hans Wagner could say in Pittsburgh when asked for a speech at the dinner in lionor of his forty-first birthday. The was attended by 200 of his members of a fans' society Unique Stunt With Motorcycle



evele driver, but he has already made contests at Dundee last July 4. quite a name for himself around Omaha by the manner in which he accomplishes daring stunts with his pet Harley-David-The latest feat for Ramer to attempt and succeed in performing is to drive the front wheel of his machine up a perpendicular wall. He declares his new Harley will develop thirty horsepower, so that when he places the front wheel against the wall he has no trouble in climbing right up on his own power.

Otto Ramer is but an amsteur motor-, Ramer is the lad who won all the speed

### Service for Buyer of Auto is Best of Business Judgment

Dealing with a subject that has caused lot of controversy among those who on the one hand think it is a mistake to

The only regret of a

Stearns - Knight

Owner is that he did not own it sooner.

McIntyre Auto Company 2427 Farnam St., Omaha, Neb.

## Diamond Tires satisfy 99% of their users

That means an awful lot when you come to think about it. Drivers to Follow It means built-in mileage of the sturdiest sort—and the price is honest and low, not padded.

This letter explains it:

"Philadelphia, November 28, 1914 "We believe that it will interest you to know that out of 1500 Diamond cases sold this year up to October first, the number that have been returned to us for adjustment amounted to less than one per cent. This we consider a remarkable showing, and speaks volumes for the quality that is built into Diamond Tires. About ninety per cent of the total number sold were Squeegee Treads, which we consider the best tire value were continued to the total number sold were squeegee. tire value we can offer our customers. The service rendered by this type of tire is consist-

"CHILD'S TIRE COMPANY, "Per Chas. J. Roth."

And other dealers all over the country

Added to the wonderful Diamond Service, you can now buy Diamond Squeegee Tread Tires at the following "FAIR-LIST" PRICES:

Size	Diamond Squeegee	Size	Diamond Squeegee
30 x 3	\$ 9.45	34 x 4	\$20.35
30 x 314	12.20	36 x 41/3	28.70
32 x 314	14.00	37 x 5	33.90
33 x 4	20.00	38 x 51/3	46.00

PAY NO MORE

Fer Automobiles, Put on

Diamond Squeegee Tires

gratuity, and those who take the opposite view and insist that the maker to discharge his obligation should maintain service, even at a loss, the Mitcheli-Lewis Motor company of Racine, take the attitude that where the car is right it is possible to maintain service without any sacrifice of sound business law.

Our position in the matter, says Mr. O. C. Friend, is the best proof that where constantly getting into trouble that it eracan be kept running only by frequent virtual rebuildings, naturally it is costly to support it with service. But, given a car like the Mitchell, she output of a engineer such as our Mr. John W. Bate. highest class materials and skilled workmanship, and our service on it is no risk Such a car will need so comparatively little attention that free service will make but slight inroads into the profits.

Third Sacker for Braves. Manager George Stallings of the Braves has added another third basemen to act as understudy for Carlisle Smith. He is Eddie Fitzpatrick and he is purchased from the Toronto International league

## Gossip Along the Automobile Row

F. C. Rudisell, manager of the Omaha the car is right there is no risk in back- branch of the Firestone Tire and Rubber connected with the Allen P. Ely company, ing it solidly with the fullest possible company, is in Akron attending a con- has been appointed city sales agent for service. If a car be poorly made and is ference of the Firestone branch manage the International motor truck.

Buick Auto company, has returned from their 1,500-pound model E motor truck, a trip through California, and as a recar like the Mitchell, the output of a and this truck, in addition to their 1,000 It is a double cross semi-elliptic device and 2,000-pound capacity trucks, make a that prevents side swaying and gives the large company with experience and mil-lone of dollars back of its promises, a to dive into the work of what promises complete line of trucks for light hauling body only a natural up and down movecar that represents the best design of an to be the biggest spring business the Ne- purposes. braska Buick has ever enjoyed.

> Henry Nygard, president of the Omaha Tire and Repair company, has recovered from his recent illness and is again back at his deak busier than ever.

R. A. Keller of the Studebaker corpora tion is in Detroit visiting the Studebaker

dany demonstrations were given Friday

Joe Dine, branch manager of the Goodyear Tire company, returned Friday from a trip through the state, and a Bee reporter dropped in just as he was telling the old stuff about "we were stuck in a snowdrift umpsteen feet deep.

C. S. Ely, who for the last fifteen years

The International Harvester Company H. E. Sidjes, president of the Nebraska of America has found a ready demand for

> One of the model E International Harester company trucks is now in operation on Parnam street as a fitney by L. Houts, who says his income from a jitney bus is the largest in Omaha.

The New York Americans finally have ompleted the deal by which they secure The recent big anowstorm furnished the boys a big opportunity to show how their back to the American league, for he cars would drive through a snowdrift. played second base for Detroit for awhile. play ball this year.

## New Moline-Knight Remarkable Value

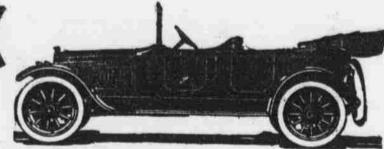
Those who have had an opportunity to see the new Moline-Knight forty at \$1,475. product of the Moline Automobile company, East Moline, Ill., pronounce it one of the most remarkable values ever offered the public.

Officials of the Moline company maintain that it is an unusually easy riding car, and this claim is substantiated by dealers and consumers who have ridden in it. Its easy riding qualities are made possible by an entirely new rear spring suspension, unlike any other now in use. and this truck, in addition to their 1,000 It is a double cross semi-elliptic device

clamped together, the lower one being shackled to the rear axle housing, while the upper one is shackled to the frame. In addition to being an unusually flexible spring, this new method saves considerable excess and unnecessary weight.

Pitcher Lew Ritchie, who has been seriously ill in a hospital at Williamsport, Pa., is reported as now on the read to recovery and he may yet be able to

# CHANDLER SIX \$1295



# Check Up Any Other at Less Than \$2000 With the Chandler, and See the Difference

The Chandler now sells at a lower price than any other six of standard touring car size. Other cars that may be considered in the same general class sell at prices ranging from two hundred to five hundred dollars higher. To convince yourself of Chandler leadership check up any other car in the field with the Chandler. No other car selling at less than \$2000 possesses all the high grade features of design, construction and equipment found on the Chandler.

Motor

Ignition

What of the motor of the "other car"? Is it a common type of stock motor, built to sell to any manufacturer for any car, or is it a specially designed motor of the car-builders' own make? The Chandler offers you the exclusive Chandler-design and Chandler-make motor, a powerful, quiet, economical, beautifully finished motor that you can be proud of.

What of ignition on the "other car"? Has it a magneto? (The highest priced cars all have magnetos). Has it the magneto that everybody recognizes as best? Has it the Bosch? The Chandler has the Bosch. And Bosch spark plugs too.

Starting and Lighting Carburetion

Radiation

Has the "other car" a simple, efficient separate unit electric starting and lighting system? Has it the standard Gray & Davis System? The Chandler has Gray & Davis.

Good carburetion is the basic essential in the operation of an automobile. It is important to provide the best. What carburetor is on the "other car"? Is it an unknown or a doubtful? Chandler has the famous Rayfield.

Motor Base

There's a lot of difference in radiators. Car builders who put quality above price almost universally select the Mayo Genuine Mercedes Type. That's the Chandler radiator. What do you find on "the other car"? The Chandler cast aluminum motor base, extending from frame to frame,

Motor Drive Upholstery

gives rigidity to the engine mounting, provides pedestals for magneto, pump and generator and does away with the necessity for a dirty, rattly sheet metal drip pan. Check up "the other car" on this point. What do you find on "the other car," gears that are bound to be noisy or silent chains enclosed and running in a bath of oil? Chandler has the silent chains.

Your wife will be interested in checking the upholstry. What about "the other car"? Has it thin, flimsy split leather, machine buffed, or hasit genuine leather of fine substance and hand buffed, like the Chandler teather? And what is underneath this leather, moss or real hair? The Chandler cushions are hair.

Rear Axle

You have heard a lot of noisy rear axles, haven't you? "Talking axles," someone has called them. There couldn't be anything more annoying. It's a point you want to consider. Investigate. Make sure. The Chandler has the new worm-bevel axle, smooth running and silent. What about the other care

Workmanship It is easy to check up the workmanship. Chandler workmanship throughout reflects the greatest care. The finish of the body, the interior of the body and the chassis down underneath are examples of splendid workmanship. Check up any other car with the Chandler on workmanship.

Miscellaneous Chandler equipment includes Firestone demountable rims, Golde patent one-man top with Jiffy curtains, Bair patent top holders, motor-driven horn, speedometer, instantly adjustable tire carrier in rear of tonneau, and all the usual incidental equipment.

Facts to Remember The Chandler weighs 2985 lbs. completely equipped. Averages 16 miles or more per gallon of gasoline, 700 miles per gallon of oil and 7000 miles per set of tires. Speed 3 to 55 miles per hour on high gear. Climbs every famous "demonstrating hill" in America on high gear.

America on high goar.

Come See the Chandler Now Five and seven-passenger touring bodies; \$1295

> R. E. DAVIS, Distributor 2216-18 Farnam St., Omaha.

CHANDLER MOTOR CAR CO., Manufacturers, CLEVELAND, O.