

The Velie

You have this opportunity TODAY. It never happened before—may never happen again. There is every indication that this NEW LOW PRICE can not last. Buy now—before the price advances. Think of it—a Velie Six with cord tires all 'round at

\$1385

F. O. B. Moline, Ill.

And here's the bond. Note that it protects you against decrease BUT NOT INCREASE.



The Lowest Priced Six In the World

Here is a SIX, with cord tires, at the price of a FOUR

We have searched all records and fail to find another cord tire equipped six-cylinder car whose regular list price is as low as the Velie Six at \$1385. Make your own comparisons. You will be astonished at the remarkable Velie Six values given for \$1385. And remember the Velie bond protects you on this low price.

The cut of the Velie Six to \$1385, with a guarantee of cash rebate should the car go lower, is the sensation of the car market. The announcement has brought a flood of demand. Experienced motorists see in this price situation an astounding opportunity—but only a temporary opportunity.

The Velie Six with cord tires all around—at the price of a Four! It is the chance of a lifetime that must be grasped before it vanishes all too soon. The very volume of orders will make the car difficult to get. Here is an extraordinary Six value. The same car that sold at \$1585 a few weeks ago, and even then with fabric tires.

A Clean Saving of \$300

The new low price and full cord tire equipment means an actual cash saving of nearly \$300 money in the pocket, to purchasers who act today.

You cannot realize to the full what you get for \$1385 until you see the car. Here is the power of the silent, velvety, responsive

Liberal Time Payments Can Be Arranged

D. C. Warren Motor Car Co.

West 23d St., near Washington
Phone Main 780

VELIE CARS CAN BE OBTAINED OF ANY OF THE FOLLOWING VELIE DEALERS:

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DURY & CAUL,
Baker, Or.
J. C. HENRY,
Hugene, Or.
HUTTENLOTT MOTORS,
Medford, Or.
J. H. HILL,
Arlington, Or.
LOSLIE & SMITHMAN,
Hillsboro, Or.
M. J. MADDOX,
Wheeler, Or.

MARSHFIELD AUTO CO.,
Marshfield, Or.
FRANK L. MILLER,
Astoria, Or.
NYQUIST MOTOR CAR CO.,
Astoria, Or.
PIONEER GARAGE CO.,
Albany, Or.
RILEY & MEIER,
Corvallis, Or.
SALEM AUTO CO.,
Salem, Or.
WATKINS & MITCHELL,
McMinnville, Or.

A VELIE DEALER'S SELLING AGREEMENT IS VALUABLE. SOME GOOD TERRITORY OPEN. INQUIRE ABOUT IT.

motor that won the Dyas gold cup—that outstripped higher-priced cars at Pikes Peak—that has the enthusiastic testimony of hundreds of owners to its amazing fuel economy.

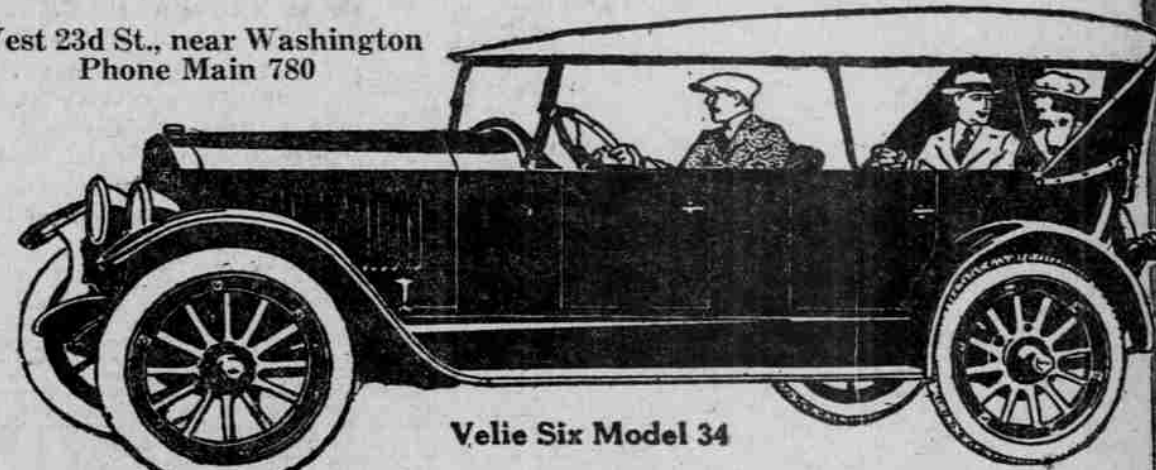
Here is the Velie construction all through—the standard that has kept Velie cars on the road for ten years with the world's low upkeep record on service above 100,000 miles.

Genuine Leather Upholstery

Here is the beautiful Velie body—long, roomy, the very latest creation of the famous Velie body builders with deep-plaited genuine leather upholstery—restful seats—every feature of equipment and refinement that you find on high-priced cars.

All for \$1385. If you would be among those who have the satisfaction of owning this car of envied distinction—the car of Velie values—get in touch with us today. You can drive out with your Velie now—give yourself and your family all these advantages at a price that means the most profitable investment in a car that ever came your way.

Open Evenings and Sundays



Velie Six Model 34

MOTOR TRUCK ESSENTIAL

BUSINESS OF COUNTRY ALREADY DEPENDENT UPON IT.

Sudden Loss of Trucks Would Mean Tieup in Business of All Kinds.

BY F. C. ATWELL.

(Manager Portland Branch Mack International Motor Truck Corporation.)
At a time when the long-standing national need for more and better highways is being substantially met by legislative appropriations in the hundred-million-dollar figures, it seems appropriate to ask the question: "What has made this expenditure possible and in what terms will the dividends from the investment be expressed?" It seems appropriate further to consider what is the basic idea behind this expenditure—who pays for these highways, for what purpose are they built, and who benefits by them?

Two classes of motor vehicles use our highways, the motor truck and the passenger car. About 6 per cent of the people in the United States own passenger cars, yet through the medium of the motor truck every person in the country is directly benefited by the money that is spent for building highways. As a matter of fact, if the 7,000,000 people who own passenger cars were the only ones to derive benefit from the road, our government would scarcely be justified in spending for this purpose money which comes from the entire 115,000,000. But since practically every article that is consumed or used by everyone in this country makes some part of its journey from producer to consumer in motor trucks, the entire population receives a direct return in the form of lower living costs, from the improvement in transportation which motor trucks and good roads make possible.

Adequate transportation is essential to general welfare and prosperity, and as conditions exist in the United States today, adequate transportation is impossible without the use of the motor truck. For example, suppose every motor truck in the country was suddenly put out of use. It would cause a paralysis of the entire country, through inability to clear terminals; it would mean the cessation of practically all building operations through lack of material; it would stop practically all passenger automobile operation as almost all gasoline and oil is transported to retail filling stations in motor trucks; it would tie up retail business in large cities to nearly a standstill; it would stop practically all other agency large enough to handle the problem efficiently. It is a business arrangement, pure and simple—the original investment comes from the people of the country as a whole, while the upkeep and main-

tenance of the roads is paid for by the vehicles that use them in accordance with the amount of road wear each causes. The latter is, of course, a just arrangement under any conditions, yet the former, the investment on the part of the entire population of the country, is only justified through the use of the motor truck which gives each investor a return on his investment. In fact it is only through the increasing use of motor trucks that an enlarged road building program has been justified and consequently been made possible.

Aluminum Pistons.

Thousands of cars of today are fitted with aluminum pistons and in many of them the fitting of these parts is incorrect, causing the owner to form the opinion that aluminum is unsatisfactory as a piston material. This is an erroneous idea, as aluminum pistons when properly fitted give much better results than iron ones. One of the common troubles with which the motorist is plagued occurs when the engine is first started and continues until it is warmed up. To cure this some owners employ a heavier oil, but the trouble with this plan is that the heavy lubricant is not of the body that gives satisfactory results after the engine has warmed up thoroughly.

Here's a Real Gas Engine.

Here's an item for the motor car owner who squeezes 30 or more miles from every gallon of gasoline. The giant dirigible airship, R38, which is bearing the flag for the United States navy, is a runabout whose gasoline bill amounts to just short of \$50 an hour. The big balloon, which will be flown across the Atlantic in the early spring, is to carry 32 tons of fuel, and still have 13 tons left available for freight and passengers. Its cruising radius is 6000 miles at a speed of 60 miles an hour. The machine will consume 150 gallons of gasoline an hour and average a third of a mile to the gallon.

Rear Axle Oil Leakage.

The first step in determining the cause of oil leakage onto the brake bands is to see whether or not the level of oil in the differential housing is correct. There need be no more oil than is necessary to give the ring a rear dip of about an inch. If, however, there is much more than this amount of lubricant, the excess will work its way back to the brake bands and cause slipping. Sometimes, of course, the leakage is due to worn washers in the tube ends.

FEDERAL

Of Course You'll Buy—
Another **FEDERAL**

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60 N. Broadway at Davis St.
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SERVICE PLANT LUXURIOUS

PLAN USED AT THE HAGUE DESCRIBED BY VISITOR.

Driveway Leading Into Spacious Courtyard Runs Between Rows of Window Displays.

"Conceive of an attractive apartment house that has a handsome automobile showroom on the street front and you will appreciate the setting in which a most unusual service station is operated," said Th. van der Stempel of the firm of Naam Venn Hamin of The Hague.

Mr. van der Stempel is in America for several months studying automotive construction at the Mitchell Motors plant in Racine, Wis., this being the line his firm sells in Holland.

"Our group of garages in so well arranged and practical in operation that I believe you good people in the United States will be interested in a brief description," continues Mr. van der Stempel.

"Between the very attractive show windows is a driveway that leads to a spacious paved courtyard. This is directly in the rear of the showrooms and comprises a remarkable arrangement of more than 40 easily accessible fireproof garages, constructed of brick, each separated from its neighbor by concrete walls. Every owner has his individual key that unlocks a small compartment in front, from which is released a handle that very easily rolls up a fireproof steel shutter giving full-width opening to the garage. Each garage contains two lockers, a specially made tire rack and a table. Besides a skylight, each has electricity and is steam heated.

"There is a water faucet at every second garage door. The monthly rental of these garages is 40 guilders, equivalent to about \$13 in United States gold, for which is guaranteed

at least one washing of the car a week and twice when time permits.

"In the main building there are lounging rooms for customers, as well as several rooms for the comfort of chauffeurs. Above the showrooms are apartments. The cool and dark basement of the main building is used for fire storage, unique racks being employed, over each of which is a small shelf for the tubes that are properly belong to the tires on that particular rack.

"For those who do not have home garages, particularly residents of the United States, this community idea should appeal, as it gives car owners a sense of security in having their own individual fireproof garage, rather than storing their cars on a floor with many others, which practice so frequently leads to damaged fenders and tires and other accidents caused by carelessness and where it is hard to fix the blame."

Insulation Repair.

When on the road it is found that wiring insulation is broken, with all its attendant troubles, the injured insulation may be quickly and easily repaired by using a small quantity of the tape which is to be found on top of the battery. Melt the tar, and while it is hot spread it over the break in the insulation and cover the whole job with a piece of cloth. Of course, if electrician's tape is at hand this may be used to repair the break; indeed, this is precisely the sort of service for which the tape is intended.

Fitting Pitted Valves.

The owner who does his own work on the car will find that valves which are pitted may be easily and quickly refitted by having a local garage or machine shop cut a new face, the latter being used for this purpose. This is a matter of a scant five minutes' work, whereas grinding in until the face is clear may mean hours of tire work. Of course, the newly cut valve will have to be ground to its seat, but this is not a formidable task.

RUBBER CONCERNS BUSY

AKRON TIRE FACTORIES HAVE BIGGEST YEAR YET.

Recent Low Ebb Passed and Normal Production After First of Year Is Expected.

AKRON, O., Nov. 20.—Akron's larger rubber tire concerns are rounding out the biggest and most successful year in their history despite the transitory slump in the tire business, as indicated by sales reports of the Goodrich, Goodyear, Firestone and Miller companies, the "Big Four" of the tire industry, issued as of October 31.

Goodyear surpasses all others with sales for the fiscal year ended October 31, aggregating over \$205,000,000, as compared to \$187,000,000 last year. Firestone, with sales of \$75,000,000 two years ago and \$91,000,000 last year, reports that its fiscal year just ended will show sales in excess of \$105,000,000. The Miller Tire & Rubber company, its officers announce, has had greater sales during the last 10 months of the current year than during the entire year of 1919.

Last year's sales were \$28,116,588. Sales so far this year are \$27,440,742. The company expects its aggregate business up to January 1 to exceed \$31,000,000.

The B. F. Goodrich company, conforming to its policy of not announcing sales by months or periods, although giving no definite figures indicates that its business so far this year is far in excess of its 1919 record of \$142,000,000.

These announcements, tire company officials state, should tend to offset unfortunate rumors spread broadcast that retrenchment in the tire industry has caused Akron to slip and that Akron's rubber companies are on the verge of shutdown. The low ebb of the tire slump has been passed, tire experts say, and business is picking up. Outlook for the future is far more optimistic than at any time during the past two months, and all manufacturers are laying plans to resume production on a normal basis soon after the first of the year.

Special Tax Levies to Be Voted On.

EUGENE, Or., Nov. 20.—(Special.)—Forty road districts of Lane county have filed legal notice in the office of County Clerk Bryson that special tax levies for road building purposes will be voted upon this fall, most of the special elections having been called for November 27. The proposed levies are from 2 to 10 mills each.

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Complete Line—

1½-ton
2½-ton
3½-ton
5-ton
6-ton

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Only Truck Built With 3 Final Drives
Timken Worm
Internal Gear
Double Reduction

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Formerly Oregon Motor Car Co.

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Phone Broadway 3223

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State Distributors Thermoid Tires

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10,000 Springs Carried in Stock
Let Us Repair Your Springs
Where You Get Service.
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New Light Six,
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