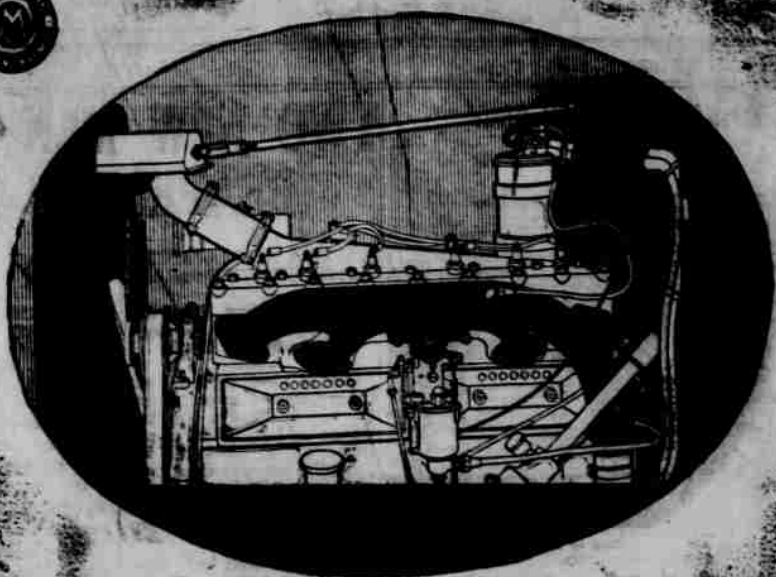




The Coming of a GREAT ENGINE

It Makes High Power Out of Low Grade Gas

Men who drive cars are face to face with a condition that becomes more and more serious each day.

That condition is the constantly declining grade of gasoline.

Nearly every engineer has said goodbye forever to high-grade gas.

For the moment, and possibly for all time, multi-cylinders, counter balanced crankshafts, and little tricks with valves give way in engineers' discussions to the "gas problem".

Every alert engineer is bending his utmost to make "one drop of gas now do the work of two".

Just as great situations produce great men, so out of this condition has come a great engine.

It is a Chalmers.

It makes high power out of low grade gas.

Compared with other engines of the same size or thereabouts, it shows:

More power More rapid acceleration
Greater economy Greater length of life
Greater smoothness

And an amazing ability to start quickly on a cold day, and to "warm up" without delay.

The Chalmers engine is a simple one. That is one reason why it is so good.

In many engines of the moment the gas passes on its way from the carburetor to the cylinder through a tunnel, which runs all the way through the engine block.

Before the gas gets to the cylinder it is forced to turn many sharp angles and does not become completely mixed with the air.

This results in raw gas running into not only one but all the cylinders, particularly when the car is cold, and especially when running for the first five or ten miles.

In the case of the Chalmers engine this type of intake manifold has been completely eliminated.

A new manifold, termed "The Ram-horn," has been constructed of simple piping. It is on the exterior of the engine. It is a manifold of easy curves so that there are no sharp corners for the raw gas to lodge against and be pushed into the cylinders.

The next development was to give the gas the proper amount of heat after it came from the carburetor.

What is termed a "hot plate" is built in at the top of the throat of the carburetor so that the gas coming straight up from the carburetor hits the "hot plate", the dimensions of which have been worked out very scientifically, and then passes around the easy curves of the smooth manifold in a perfect state of mixture and at the proper temperature to each of the cylinders.

The case of this Chalmers engine has been proved.

1. On August 1 and 2, Joe Dawson drove a Chalmers equipped with this same engine 1,898 miles in 24 hours—faster and farther than anyone ever before had traveled on land, sea or air.

If there's a flaw in pattern, or part, a solid day of bitter, brutal speed will find it.

2. There are over 1,000 Chalmers containing this engine now in use. They check up past all expectations.

Therefore, the Maxwell Motor Company, which has leased The Chalmers Motor Company, has put its O. K. on this engine, and accordingly on the Chalmers car.

90 per cent of any automobile is the engine; and no car can be a bit better than its engine.

So you are safe in writing your check for a Chalmers.

Walter E. Brandus

President and General Manager
Chalmers Motor Car Company

TOURING CAR, 7-PASSENGER	\$1450	TOURING SEDAN	\$1850	TOWN CAR LANDAULET	\$3925
TOURING CAR, 5-PASSENGER	\$1365	CABRIOLE 7-PASSENGER	\$1625	LIMOUSINE, 7-PASSENGER	\$2925
STANDARD ROADSTER	\$1365	TOWN CAR, 7-PASSENGER	\$2925	LIMOUSINE LANDAULET	\$3925

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ALSO DISTRIBUTORS FOR HALL "TWELVE"

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Million Letters in the Mails Today Bearing Magic Words "With the Colors"

Keynote of the Splendid Work the Y. M. C. A. Does Among Our Men in Uniform Is Keeping Them in Touch With the Folks at Home.

STAMPED WITH STARS AND STRIPES AND RED TRIANGLE

Multifarious Ways in Which the Association Appeals to Your Boy, Your Neighbor's Boy, or Some Boy You Know and Love—Creates a Helpful Environment in Cantonment, on Way Overseas, in Front Line Trench and Beyond—First to Aid as He Comes Tumbling Back—Give Your Share of the \$35,000,000 Required to Accomplish This "Last Evidence That Somebody Cares."

It was evening on the broad Hempstead Plain, Long Island, where the Rainbow division was spending its last night before embarking for France. It had been raining hard in the afternoon—a cold, steady autumn downpour—and there was nothing to suggest the rainbow in the outward aspect of the camp. Lines and lines of sudden canvas houses, 27,000 men, gathered from 17 different states. The ground was dotted with pools and gasping. Under the wet canvas it was damp and cold, with a penetrating chill. Laid by flickering lanterns, the tents were far from cheerful abodes for a man's last night in his native land.

But there were seven big tents where electric lights, numbers and friendliness made the night pleasant. Each one of our 16 cantonments, where the new national army is being trained, is using more than a million sheets of this paper every month. In the draft army alone that means 15,000,000 sheets of love every month reaching out from the great encampments, where the men are being trained into the greatest army this nation has ever dreamed and landing them to the hearts at home. Multiply that by thinking of all the other places where Uncle Sam has men with the flag—in navy yards, on the high seas, in arsenals and officers' training camps and "Over There" in France. In all these places men are writing home. These unassuming little sheets of notepaper gladden millions of hearts a day. They transfer more love from one



Music, Games, Good Reading and Correspondence Facilities in Y. M. C. A. Building.

In each of these a soldier was strumming a piano, others were reading books and magazines; hundreds were writing letters home. Behind the raised counter at one end three or four young men were busy passing out notepaper, and envelopes, selling stamps and weighing parcels, which the men were sending home. One of the soldiers said to me as I stood in the tent used chiefly by men from Iowa: "We came all the way here from Des Moines, and we were mighty lonely. That we found the Y. M. C. A. on the job, and it's been a home and more than a home to us. It gave us what we wanted when we needed it most. We'll never forget it. The boys' best friend is the Y. M. C. A."

How close those benches were packed with men, bending over the long tables absorbed in their writing! What an appeal to the sympathies these great groups of soldiers make! Fine, clean-cut, upstanding fellows.

How close those benches were packed with men, bending over the long tables absorbed in their writing! What an appeal to the sympathies these great groups of soldiers make! Fine, clean-cut, upstanding fellows, some of them mere boys, one thinks immediately of the sacrifices they have made for the rest of us and how precious they are to some one back home. Somewhere, in far off farm or village or city street, there are parents or brothers or wives who would give all they possess for one glimpse of those sunburned faces as you and I see them on their last night before going across. And it was with a throb of the heart that I watched them, bent over their letter paper, in one after another of those seven big tents.

These were the tents of the Y. M. C. A. On that last night in America the association was serving the soldiers in the best of all ways—giving them an opportunity to write home. On previous nights they had enjoyed boxing bouts, movies, concerts, dramatics and a score of healthy entertainments as well as religious meetings. But on this last night home ties were strongest. And perhaps that is the keynote of the splendid work the Y. M. C. A. is doing among our men in uniform—keeping them in touch with home.

Magic Words, "With the Colors." In these times there are some letters that mean more to us than any we have ever read before. They are written on sheets of paper stamped with the Stars and Stripes and the red triangle of the Y. M. C. A., and they bear the magic words, "With the Colors." There are many more than a million such letters in the mails now

being carried postpaid to our soldiers. The work done in the cantonments there is no one thing that constitutes it. It is the Y. M. C. A. in training, night and day to help the government with this war. Add every penny that is given to aid the work to a direct contribution to the health, happiness and strength of our boys and men.

Chaplain of Kaitiaki Hospital. In all the big cities in France where our men pass through in large numbers, the Y. M. C. A. is operating hospitals, where they can get beds and meals at a minimum cost. In London the American Y. M. C. A. has erected a large building for our soldiers and a clubhouse for American officers.

There are Y. M. C. A. doctors right behind the front line trenches, where the soldiers can get hot drinks, crutches and other comforts at all hours. Over 2,000 men who had been rejected as account of physical disability have been able to get into the British army by reason of the physical work of the British Y. M. C. A.

A host of motor cars leaves the big Y. M. C. A. headquarters in London at midnight every night to pick up soldiers who are wandering about the streets without any wholesome lodging in which to spend the night. These cars are operated by British volunteers of position and refinement, who report that they never meet any discomfort at the hands of the soldiers. The importance of this service can be estimated by the fact that at least 25,000 soldiers are on leave in London every week. Over half of these leave to Y. M. C. A. beds every night.

Entertainment on West Coast. The Y. M. C. A. has erected a big auditorium, seating 1,000, in each of the big draft camps, and has placed 600 tents, seating 1,000 in the other encampments. The association is supplying a 25 week entertainment circuit among the camps and is paying 14 companies of entertainers, who are traveling to 20 camps performing before the men.

In each of the draft camps the Y. M. C. A. has ten secretaries arranged to educational work. The association is seeking to it that every man who cannot speak English is taught to do so. In many of the camps the association has a singing director, who is teaching the men to sing the patriotic and martial airs that do so much to keep up their spirits.

Of 64 Y. M. C. A. men at Camp Dix only three are being paid full salaries. In all the camps the majority of the Y. M. C. A. men have left home free positions to do this work simply because its appeal is irresistible to any red blooded man. Harry Lauder, the famous Scotch singer and comedian, now on his farewell concert tour in the United States, is giving all his spare time to the service of the association and is singing to the soldiers at all the camps he can reach.

In one of the draft camps the Y. M. C. A. is supervising athletics on the playing fields, providing full athletic equipment. The winners of the inter-regimental games will play the champions of the other camps. One of the greatest services rendered by the association is the making

out of money orders by which the men can send their pay home to their families. In some of the big camps the Y. M. C. A. is providing banking facilities for the men as well.

Do Your Bit With a Tanager. This month (November) the Y. M. C. A. has sent 25,000,000 to our boys. It was a great success for the association and their allies until just now. Of this \$25,000,000 about \$15,000,000 was spent on the work with our men overseas or about \$50 for every man in Uncle Sam's nation. If everybody who received letters from soldiers and sailors were to contribute \$10 the total would be easy. Are your boys and men in the service? Are you a patriotic and happy-go-lucky man? Then send \$10 to your Y. M. C. A. agent, who will send it to the association, which will make possible the continuation of this great work for our soldiers and for those of our allies.

The Beaverton Times, the paper that prints facts. We stand for the best.

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WANTED — Girl for general housework and to assist with cooking. Apply to Mrs. E. S. Manigault, Sunday or Monday, Whitford Station, on the Oregon Electric, 5-cent fare from Beaverton.

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