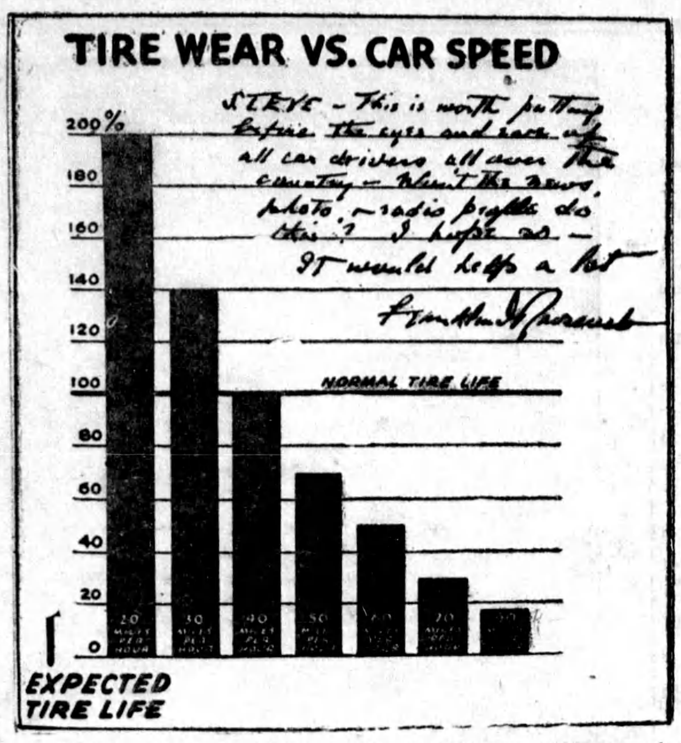
MEMO TO DRIVERS FROM FDR



This tire-life chart so impressed President Roosevelt that he asked his secretary to put it "before the eyes and ears of all drivers all over the country." The President's copy of the chart, which was prepared by the automobile and rubber industry committee of the Society of Automotive Engineers, is shown above. It reveals that a tire's normal life is doubled when driving speed is reduced from 40 to 20 miles an hour.

HOW CAN I?

Q. How can I polish out small scratches on glass?

A. They may be partially polished out by rubbing with rouge wet with water upon a piece of soft leather. However, if the scratches are deep, it will be necessary to grind them out with the finest flour emery, such as that used by opticians, and the spot polished with rouge and water in a piece of soft leather.

Q. Hw can I remove calcimine?

A. Ordinary calcimine may be washed off with water. However, if necessary, add some alkaline substance such as soap powder, ammonia, trisodium phosphate, or borax, to the water.

Q. How can I loosen the dirt when soaking curtains?

A. A half-cup of salt added to the water in which curtains are being soaked loosens the dirt more rapidly and aids materially in the laundering.

Q. How can I repair a leak in the rubber hot water bottle?

A. By applying several pieces of liquid court plaster, letting each piece dry before applying the next, and making each piece a little larger than the preceding one.

Q. What is the best method of cleaning eye glasses?

A. By first moistening the tips of the fingers, rubbing them over a cake of soap, and then rubbing them over the sides of the lens. Polish as usual. Cold cream or vaseline are also very good cleansers. Rub well afterwards with tissue paper.

"Bring Your Scrap And Cook A Jap"

The scrap heap, now beginning to tower on many a village green, invites the antiquarian to linger for a pensive moment, remarks The New York Times. "Bring your scrap and cook a Jap," says a sign rising above a huge old iron cauldron that reminds of the departed days of home-made soap. The horse-and-buggy age is well represented; one sees bridle bits, wagon wheel jacks and tires, horseshoes shiny from being tossed at iron stakes, carriage lamps still holding their candle stubs, and a metal currycomb. There are doorstep mud-scrapers, a fireplace crane, the frame of a boneshaker bicycle, a rusty anvil and a Civil War cistern pump. Numerous are heavy iron pots and kettles with legs to hold them out of the flame, and flatirons that needed strong and devoted hands to push them. Treasured, or at least saved, for generations, these possessions come now to serve the country's need.

Have You Heard?

A new system of memory training was being taught in a village school, and the teacher was becoming enthusiastic.

"For instance," he said, "supposing you want to remember the name of a poet—Bobby Burns. Fix in your mind's eye a picture of a policeman in flames. See—Bobby Burns?"

"Yes, I see," said a bright pupil. "But how is one to know it does not represent Robert Browning?"

A freshman from the Amazon
Put nighties of his Grandmazon;
The reason that
He was too fat
To get his own Pajamazon.

A man entered a jeweler's shop to buy a clock. The jeweler showed him the different styles. One in particular, he told him, was an eight-day clock.

"What do you mean?" asked the customer. The jeweler explained it would run eight days without winding.

"For the love of Mike!" exclaimed the man. "How long would it run if you did wind it?"

Dad—I'll teach you to make love to my daughter, young man.
Suitor—I wish you would. I don't seem to be doing so well.

"It is odd how one's clothes react on one's mentality. Now, when I'm wearing a business suit I'm all business; when I'm in evening dress, social matters occupy my attention, and when I'm in golf togs, I don't think of anything but the game."

"Yes. And I suppose when you take a bath your mind is an utter blank."

"Jimmy," said the teacher, "what is your ambition?"
"My ambition," Jimmy replied, "is to wash my mother's face.'

"Do you keep fountain pens?" asked the timid-looking man.

"Nope," replied the smart-alecky clerk, "we sell 'em."

"Well, anyway, you are going to keep the one you might have sold to me."

First business man — My boy whistles while he works.
Second ditto — You're lucky! Mine only whistles."

Little Girl—Mother, you know that vase you told me had been handed down from generation to generation?

Mother—Yes, dear, why?

Little Girl—Well, this generation has just dropped it.

She—What do you mean by telling your boy friend that I was deaf and dumb?
Second She—I didn't say deaf.

Rhodes Colossus

When British warships recently bombarded the Island of Rhodes the target the gunners could see clearest was a grain elevator. Once upon a time, around 200 B.C., it would have been the Rhodes Colossus. Sculptor Chares erected the statue as a military memorial. Seventy cubits high, or more than a hundred feet, it rose in the air. It stood for half a century, then an earthquake threw it down. Its fragments lay around for 800 years and were finally sold.

What Science Is Doing

BLOOD DRYING

British scientists are spending a legacy of nearly $100,000 on a blood freezing and drying plant which will carry devolopment of life-saving plasma still another great stride forward. Every dollar spent may represent a life or more saved.

Building of the machine, largest yet erected for the freezing and drying of plasma, will put Britain ahead in a field of science which is being diligently studied, for peace as well as war, by all fighting nations. It was made possible through a gift to the Medical Research Council by trustees of the late millionaire chemist, Sir Henry Wellcome.

Retains Quality Indefinitely

The machine resembles a giant refrigerator coupled to a group of tall cylinders. Through a new process discovered by British scientists, it will freeze and dry each week the blood gifts of 10,000 donors. Next week—or even eight years from now—the frozen dried plasma will give life to sick and wounded in any climate, because it retains its quality indefinitely.

Dried plasma is saving lives in Egypt today, and British warships, fighting their way to Russia, or Malta, carry the flake-like substance to save lives in the middle of intense actions or raging gales.

British blood also flows in the veins of many Chinese soldiers, wounded in the never-ceasing fight against Japan. To reach the Chinese the blood gifts from Britain are sent thousands of miles by air and sea and pass through all kinds of temperatures. Yet the plasma remains perfect.

Spin-Freezing

The new plasma plant will produce 3,500 units, frozen dried and ready for use, weekly. The freezing and drying process is known as spin-freezing. A bottle containing liquid plasma is fitted on a shaft which rotates at high speed. The contents, whirling in a bottle, forms a cone, giving the low temperature a greater expanse of liquid to freeze. Suddenly the plasma freezes and the liquid is drawn out under a high vacuum process, leaving only the golden, dry plasma flakes. Then the bottle is sealed, ready for use.

Pretty Doggy

Sergt. Glen D. Mantsch of Dixon, Ill., finds a hale and hearty new friend in England in this scrappy mascot of the Royal Artillery.

Britain Ships Gun Factory To U. S.

A gun factory which six months ago stood in a bomb-scarred city in England has been dismantled and shipped piece by piece to the United States, Edward R. Stettinius, Jr., Lend-Lease Administrator, disclosed recently.

Mr. Stettinius, in an article in the new issue of the Saturday Evening Post, cited the transfer to show that lend-lease is now "no longer a one-way street" directly aiding only U. S. allies.

"It was easier and faster to ship the factory than to ship the guns," he wrote. "We paid nothing for the arsenal. The British consider themselves amply repaid by the damage these guns will inflict on the Germans and Japanese in the hands of our soldiers."

The British have also sent "several thousand" barrage balloons to "protect vital spots along our coasts" and from England and other allied nations the Government has received "guns and tools, military and scientific information — anything which they can spare and we are in a better spot to use than they are," the article said.

MODERN ETIQUETTE

By Roberta Lee

1. When a hostess and three guests have sat down for a game of bridge, and a fifth friend drops in, what should the hostess do?

2. When introducing two men, is it proper to say, "Mr. Baker, this is my friend, Mr. Harris?"

3. In what position should a person hold his head while eating at the table?

4. When one has been invited to a party, or other affair, and after accepting he contracts a severe cold, what should he do?

5. Is it permissible for a guest to open a conversation with another guest when there has been no introduction?

6. What does it indicate when a man carries on a conversation with a cigarette dangling from his lips?

Answers

1. The hostess should either invite the guest to take her place, or suggest some other game such as hearts or rummy, in which five persons can play. 2. No; this would imply that Mr. Baker is not a friend. 3. The head should be held in an erect position, without appearing stiff. The body can lean forward slightly, but the head should never be bent at a right angle. 4. Phone the hostess and express how sorry you are that you cannot attend. You are being considerate not only of your own welfare, but also of the other people if you remain at home. 5. Yes, this is a very nice thing to do. 6. Laziness, as well as ill-breeding. He probably considers it useless exertion to lift his hand and remove the cigarette.

Surplus Of Rice Problem Of Japs

Japan Loses Large Market Of Rice-Importing Countries

Rice, a great deal too much of it, offers the "makings" of a new economic headache to Japan, as a result of the conquest of the world's principal rice-producing areas in Indo-China, Burma and Thailand, Science Service points out. These countries together grow nine billion pounds of rice a year; the import requirements of all the lands now under Japanese domination are less than four billion. What to do with the rest of it?

The biggest rice-consuming countries that formerly imported heavily from the great rice-producing region were India and Ceylon (4,500,000,000 pounds), Europe (2,500,000,000), the rest of the world altogether, something over 1,000,000,000 pounds a year. All this market is now loss as long as the Japs hold the region, explains F. J. Rositer in "Far Eastern Survey," New York.

The peoples of the great rice peninsula are going to be as badly up against it as the wheat farmers of this continent were during the worst of the depression, when they could not sell their crops for money to buy overalls and shoes.

Rice can't be stored with any great success in that hot, humid region. Probably the greater part of the crop will rot in the bins.

The western hemisphere long dependent upon the Orient for a large part of its rice supply, has become 95 percent self-sufficient in rice production since the outbreak of World War II.

Hikes 12,700 Miles During Ten Years

William Henry Cooke, who started on a walking tour 10 years ago, was back in Halifax last week. He said he travelled 12,700 miles since Sept. 10, 1932. He said he covered Canada from coast to coast, then travelled down to the Mexican border, to Florida, the New England States and back to Halifax.

Relieves MONTHLY
FEMALE PAIN
Women who suffer pain of irregular periods with cranky nervousness—due to monthly functional disturbances—should find Lydia E. Pinkham's Vegetable Compound Tablets (with added iron) *very effective* to relieve such distress. Pinkham's Tablets made *especially for women* help build up resistance against such annoying symptoms. Follow label directions. Made in Canada.

Picobac
It does taste good in a pipe!
GROWN IN SUNNY, SOUTHERN ONTARIO

Spitfires Proven In Battle Action

American Planes Not As Good For Job As Spitfires

"American fighter pilots are flying Spitfires because American 'planes, which they were at first expected to fly, just were not good enough for the job", said William H. Stoneman, correspondent of the Chicago Daily News, in a recent despatch from England.

That may start an argument, but we do not know why it should. American blueprints, American construction, American performance in airplanes may be the best in the world, but the sky over England has seen more 'planes in battle action than any other part of the world, and the actual test is warfare, not theory. The Spitfire has proved itself inthe laboratory of war.

Resources Should Be Pooled

In the last war, we had no hesitancy in taking over the French 75-mm. gun because it was far superior to our three inch gun, and we depended almost entirely on our allies for airplanes, although we did contribute the Liberty motor late in the war.

In our search for perfection we delayed producing machine-guns, and had to borrow inferior makes from our friends; by necessity, we took an inferior English rifle because it could be produced more rapidly than our proved Springfield.

But we see no reason why the United Nations should not pool their resources to get the best weapons in every category, regardless of who produces them or where. And if the Spitfire is the best in sight, let us use it until a better has been found—and proved better.

More than 88,000 jigs, dies, fixtures, and special tools are required for the construction of a Canadian-made Valentine tank.

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ORDERS FOR BRAY CHICKS FOR delivery September or October should be placed now. Get the breed you want, on the date you want. Prices are reasonable, considering quality. Get your copy of Bray Fall Service Bulletin. Bray Hatchery, 130 John St. N., Hamilton, Ont.

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HAVE YOU ANYTHING NEEDS dyeing or cleaning? Write to us for information. We are glad to answer your questions. Department H. Parker's Dye Works Limited. 791 Yonge Street, Toronto.

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100 ACRES FARM NEAR RICHmond, Ont., for sale; including 48 acres Fibre Flax Crop and 52 acres oats. Frame house. Enquire: Laurentian Flax Products, Richmond, Ont.

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250 ACRES WITH FINE BRICK residence and large set of Iron roofed barns, etc. Eastern Ontario near proposed new power development. Full particulars from Charles Roberts, 11 Second Street West, Cornwall, Ontario.

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LARGE DARK, HEAVILY FURred proven breeds and this year's kids for sale at bargain prices. Our Mink are prolific having as high as 8 and 9 in some litters. Lack of help compels me to reduce my heard. This is your chance to get good mink cheap. L. A. Jones, 189 Talbot St., St. Thomas, Ontario.

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