



Have You SORE HANDS in Winter?

NEAL THEM WITH ZAM-BUK.

FOR chapped hands, chilblains, cold-sores and frost-bite, there is no treatment so beneficial as dressings with Zam-Buk. When the roughness, irritation and redness of the skin is followed by cracking and bleeding, dirt and disease germs may find their way into the raw places and cause inflammation, blood-poison or winter eczema. Zam-Buk stops this peril entirely. Simply smear a little herbal Zam-Buk on the sore parts and wrap up carefully. Letting the Zam-Buk soak into the tissues, soothes away smarting itching pain, and assures rapid healing with healthy new skin.

The striking success of Zam-Buk is due to its rare herbal origin. It contains none of the mineral salts or animal fats that form the basis of common salves and ointments. Prepared exclusively from rich herbal essences, Zam-Buk is a concentrated balm of the highest purity and of unvarying healing, soothing, and antiseptic efficiency.

Don't wait until winter frosts and winds begin to bite and chafe your skin—get Zam-Buk to-day! Use a little every night, to keep your skin smooth and flexible.

Use Zam-Buk also for the speedy healing of cuts, burns and scalds, and for eczema, abscesses, ulcers, ringworm or other skin or scalp disease. 50c. box, 3 for \$1.25, all druggists and dealers.

FREE SAMPLE BOXES! Cut out this coupon and mail it with 10c stamp for return postage. The Zam-Buk Co., Toronto, will then send you a FREE TRIAL SAMPLE.

GET Zam-Buk TO-DAY! BUY ADVERTISED GOODS Backed By The Maker

WE ARE NOW BOOKING ORDERS FOR WINTER Automobile Painting SELECT FINISHING FROST'S AUTOMOBILE PAINTING 290-295 QUEEN STREET.

For Auto Repairs For all kinds of Automobile repair work, and where a real mechanic is needed, see us and have it done right. R. GREENLEES Angrove's Auto Sales, 146 Sydenham Street Phone 1282.

SORE THROAT IN A COMMON ILLNESS WHICH UNLESS CHECKED IN THE EARLY STAGES LEADS TO A SERIOUS CONDITION. SIMILARLY TO COLIC IN HORSES, IT DEVELOPS AND REQUIRES SUSTAINED TREATMENT. BUT IF TREATED AT ONCE WITH DR. THOMAS' ECLECTIC OIL, IT MAY BE AVOIDED. AN OLD AND NEW REMEDY IS FOUND IN DR. THOMAS' ECLECTIC OIL.

Convenience If you can't sleep turn on the light. Add make the brightest day of night. An adjustable lamp that can be used on the table or attached to the wall or bed is a great night time convenience that costs very little money. Whatever fixtures you need can be supplied by us—we want you to allow us to show you around the place. BURKE ELECTRIC CO. ELECTRICAL SUPPLIES & SERVICE PHONE: 423, 74 PRINCESS ST.

HINTS FOR THE MOTORIST BY ALBERT L. CLOUGH

Changing Speeds Without Re-Meshing Gears The Sliding Gear Transmission Has Rivals

THE PRACTICAL IMPOSSIBILITY of engaging the lower gears of an ordinary sliding pinion transmission, while a car is running down a steep grade, thus requiring increased retarding effect from the engine to relieve or assist the brakes, and the difficulty experienced by many novice and clumsy operators in shifting gears, without clashing them and damaging their teeth, is without doubt a real defect of the conventional type of transmission. These considerations may well revive interest in types of transmissions, the gears of which are constantly in mesh and which thus do not require in changing speeds, the engaging of the teeth of gears which may be running at very different tooth speeds. Such transmissions may be of the individual clutch type or the sliding key variety, both of which have been known for many years, but are not in general use. In the former, there is no "master clutch" between the engine and gear box, but there is an individual clutch in connection with each pair of gears, capable of locking one of the pairs to its shaft and causing this pair to drive, while the gears of the other pair turn idly. In the latter, the conventional clutch is retained and the required "speed" is engaged by locking the loose gear of its pair onto its shaft by means of a sliding key, moved by the shifting lever—the gears of the other speeds revolving idly. Individual clutch transmissions are in use on several current makes of commercial vehicles and recently a well-known manufacturer of passenger cars has adopted a refined form of sliding-key, gear-to-mesh transmission, providing for the engagement of any forward driving ratio, irrespective of speed conditions, and preventing clashing in shifting. In this transmission a key sliding in the flutes of the drive shaft is caused to enter a key-way in the hub of the loose gear of the pair which is to be engaged, thus locking it to the shaft and causing it to drive—the operation of the shifting lever being the same as with a sliding gear outfit.

USES TOO MUCH OIL. A. C. writes: My 1918 car, when I first got it, used very little oil, but lately I have had to put in over a quart at the end of each 100 miles of service. The engine smokes a good deal of the time. What can I do to cut down this waste of oil?

Answer: Most likely the piston rings are so much worn that they no longer are effective in wiping down the oil that is splashed onto the cylinder walls, thus permitting an excessive amount to escape into the combustion spaces and be carried out with the exhaust. The next time your engine is disassembled, you better have the rings and the cylinder bores carefully examined and find out what is needed. Your lubrication system being of the pressure-feed type, it is possible that you could reduce your oil loss somewhat, and still secure good lubrication, by reducing the oil pressure that is carried. It will be well to consult with your service station before attempting this.

When Oil Circulation Most Commonly Fails Air Or Water In The Pump Are To Be Avoided

WHEN, THROUGH NEGLECT the engine oil supply has been allowed to become entirely exhausted, the pump may become filled with air or "air-bound" and supplying oil to the crankcase may not expel this air, in which case oil circulation will not commence when the engine starts. Also, if the lubrication system has been completely drained of oil, preparatory to changing it, and the engine is turned over more than a few times, with the pump empty, the same thing is likely to occur. The remedy in both instances is to inject a small amount of oil into the system at some high point thereof, which in flowing down into the pump displaces the air which it contains. When a rather heavy lubricant is used and a car is allowed to stand in a very cold place, for a long time, the oil may cease to be liquid and thus fail to enter the pump to take the place of the oil which is expelled from it, thereby preventing circulation. Serious damage may be done to an engine, if it is run under such conditions, before its heat will have thawed the oil to a properly fluid state. Should there be any water in the crankcase and the car be left long exposed to a low temperature, it may freeze around the intake of the pump and thus prevent its action. When this happens a few ounces of alcohol may be poured in through the oil filler openings, which will mix with the water and thaw it, so that the pump can start again. All liquid other than oil should be drained out at the first opportunity. Sometimes, when cleaning of the oil strainer has been neglected for a very long time, it may become so completely clogged as not to pass enough oil to permit the pump to fill. The advice commonly given to use "light" engine oil in winter is intended to prevent the stopping of the circulation by its congealing.

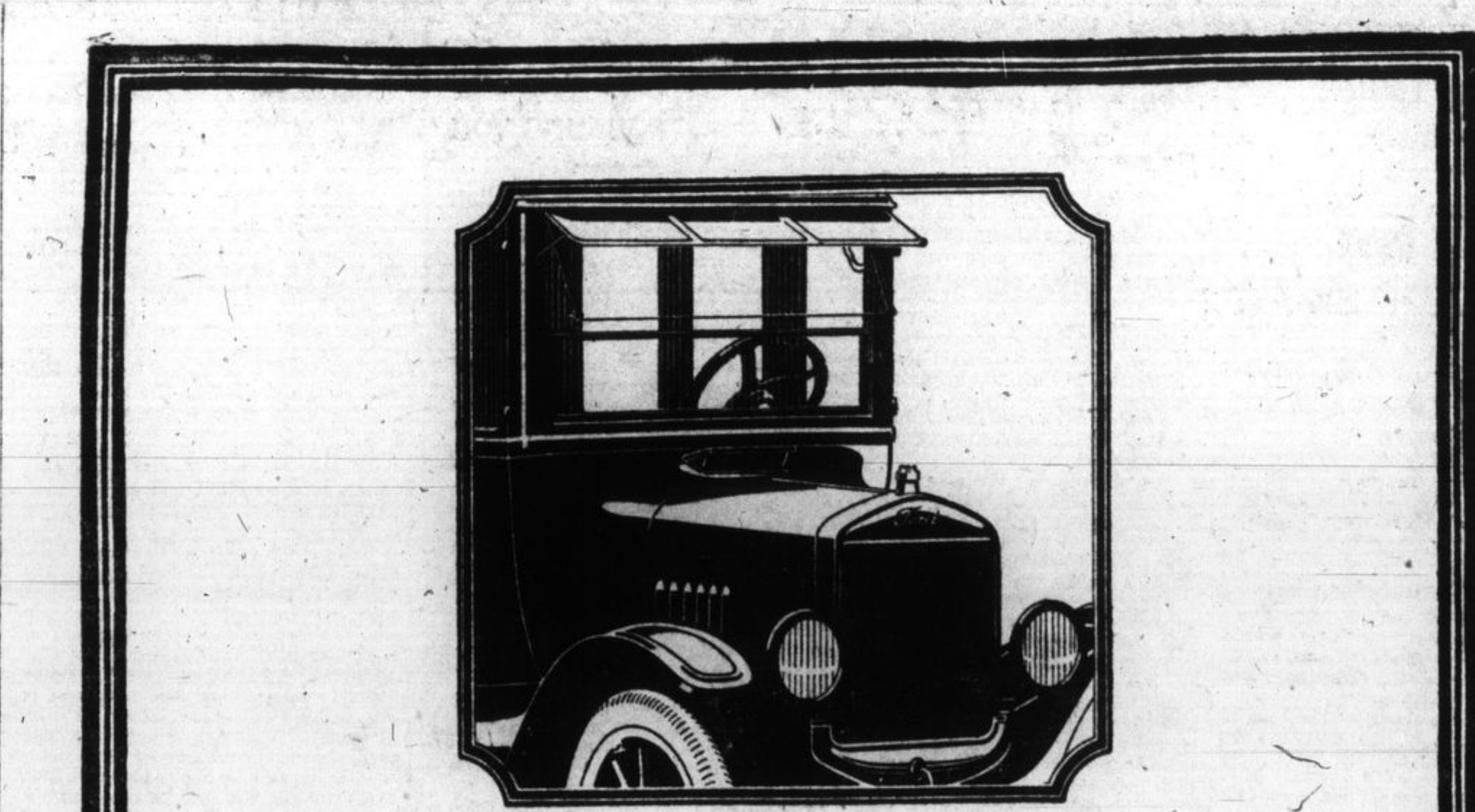
STOPPED UP RADIATOR. W. F. S. writes: After running my engine for about five minutes the water rises in the radiator and splashes out the overflow. The radiator also boils and steams badly after a short run. We have alkali water here and there are scales noticeable in the radiator passages, so it is possible that the radiator is clogged. What can I use to clean it out?

Answer: We doubt whether alkali would remove the incrustations, but there is no harm trying it. Very likely, dilute muriatic acid will have to be resorted to. No doubt the radiator repairmen in your vicinity know what is best to clean out radiators in which your local water has been used, and we advise you to get one of them to help you out. When you get your radiator clean, we suggest that you collect rain water for use in filling it and avoid future trouble from scaling. The fact that you lose water through the overflow indicates that the radiator is so badly clogged that the pump can, momentarily at least, supply water to the upper tank rather faster than it can flow down through the passages and the overheating, of which you complain, also indicates a badly incrustated condition.

Questions of general interest to the motorist will be answered by Mr. Clough in this column, space permitting. If an immediate answer is desired, enclose self-addressed, stamped envelope.

Inefficiency From Loose Gaskets. A loose gasket will suck in air on the intake stroke of the engine, thus destroying the mixture which the carburetor has made, and one or more of the cylinders will not fire properly.

A little powdered rosin sprinkled on the fan belt will keep it from slipping. When filling the radiator, allow enough water to pass in to bring the level over the end of the vent pipe. Never allow the engine to labor in high gear.



Announcing New Ford Models

The Ford Motor Company of Canada, Limited, announces a complete line of new Body Types which are on display at all Ford dealers' showrooms today.

They are the handsomest Ford cars that have ever been produced. New body designs of striking beauty have been combined with structural improvements which contribute to the fine appearance of these cars and many refinements have been included which hitherto have been available only in cars of much higher price. These new models express the very latest in motor car designing and with the new features which have been introduced are the best value that has ever been offered in the automobile market.

New Ford Prices Touring Car, \$445 Runabout, \$405 Truck, \$530 Coupe, \$665 Fordor Sedan, \$895 All these prices are f. o. b. Ford, Ontario. Sales and Government Taxes extra.

These cars can be obtained through the Ford "Weekly Purchase Plan."



VanLoven Bros. 34 Princess St. Kingston, Ont.

FORD MOTOR COMPANY OF CANADA, LIMITED, FORD, ONTARIO

Power Wielded by Weekly Newspaper

The importance of the local newspaper as a stepping stone to success for those who are ambitious to write, was emphasized by A. H. Moore, editor of the News, St. Johns, Que., in the course of his lecture to the Journalists who are taking the extension course at the University of Toronto. The local newspaper, he pointed out, has become a national institution, bearing a great responsibility. Increased facilities for transportation and mail distribution have not lessened its influence, stated Mr. Moore, who is chairman of the editorial committee of the Canadian Weekly Newspaper Association. Since 1859, he pointed out, the number of weeklies in this country has increased from 153 to nearly 800.

The weekly paper is a voice from the country, and the influence of the editor of such a paper of 1,500 circulation is as great as that of the average Canadian author, whose books as a rule reach only 1,500 people, the lecturer stated. Every Canadian weekly is loyal and patriotic, and as a class, these papers are doing a great work in anglicizing the foreigner and creating a spirit of true Canadianism. "I sometimes wonder," said the speaker, "whether the last stand of Canadian culture will not be made in the country."

Queen Mary's Jewels

Queen Mary's Jewels have been offered to the Board of Trustees for the National Galleries of Scotland as the body in charge of the two National Institutions—the Scottish National Portrait and the National Museum of Antiquities—thought most suited for their public exhibition. The Board has now accepted them, when it has been decided in each of these collections they are to be included, they will be placed on view.

Urge Re-opening of Deptford Market.

In view of the trade in Canadian cattle that might be carried on at the Deptford cattle market, strong representations are being made to the London corporation to permit of the re-opening of the Deptford market. This market is the nearest approach from the sea to the Smithfield market in London and would save delay and extra transportation charges on Canadian fat cattle if it could be re-opened to admit cattle as it did before the war.

British Taxation Heavy.

Britain's annual taxation per head if the population now amounts to more than \$100.

FOR 15 YEARS WAS TROUBLED WITH ECZEMA

There is no other remedy like Burdock Blood Bitters that can possibly give such relief to all sufferers from eczema, salt rheum and all other diseases of the blood for the reason that this old and well tried remedy goes right to the seat of the trouble and completely and permanently drives these diseases out of the system by cleansing the blood and making it pure and rich. Mr. F. W. H. Schultz, Pembroke, Ont., writes: "Having been troubled with eczema for fifteen years, during which time I tried everything I could think of, including doctors, but without getting anything to do me much good I finally decided to take Burdock Blood Bitters, and I was certainly surprised to find that two weeks after I had started to take it I was relieved of my trouble. That was nine months ago, and I have not had a sign of it since. I surely wish to thank you for this wonderful medicine and strongly recommend it to anyone suffering from the same trouble as I had." B.B.B. is manufactured only by The T. Milburn Co., Limited, Toronto, Ont.

MARINE ENGINES THOROUGHLY OVERHAULED

We are in a position to give first class service, will remove engine from boat, overhaul, store for winter and install in boat in the spring. BLUE GARAGES, Limited Phone 567. Cor. Bagot and Queen Sts.

Kingston Battery Service W. MILNE, PROPRIETOR.

ALL MAKES OF STORAGE BATTERIES, STARTING MOTORS, GENERATORS AND MAGNETOS REPAIRED OUR PRICE FOR CHARGING BATTERIES 75c. PHONE 1925J. 113 BROCK ST.

FOR AUTO ELECTRICAL REPAIRS See F. HALL

The Auto Electrician—20 years' experience Storage Batteries recharged and repaired. All work guaranteed. 335 King Street Telephone 939

To yield to the times, that is, to obey necessity, has always been regarded as the act of a wise man. After the victory you always find plenty who are ready to share in the spoils.