"Canada at War"

No. 1—THE MOTOR INDUSTRY PLAYS ITS PART

Written by C. Earl Rice, formerly of the Springfield Times, Lac Du Bonnet, Man.

In this series of articles on "Canada at War", I propose to deal with phases of the war effort little known to the general public. Most people have an idea of the work done by our Army, Air Force, and Navy, but few people have a real conception of the magnitude of our industrial endeavor.

Had it not been for the production of motorized units in Canada during the last year and a half, on a scale unsurpassed anywhere in the British Empire, General Wavell would not have accomplished the victories of the Army of the Nile in Lybia last year. Universal carriers, Heavy Four-Wheel Drive Trucks, Light Trucks, Tractors Ambulances, Reconnaissance Cars, and many other types of motorized equipment are rolling off the assembly lines of the automotive plants in Canada at the rate of more than 600 a day.

Besides the building of motorized equipment, the automotoive industry is operating armament plants, building motors to be used to lower the balloons in the barrages over Britain and contributing in many other ways to the war effort.

Vast Plant

The first plant I visited stands on a 200-acre site, and over 50 acres are under roof. It generates its own electricity, and 320 tons of coal are burned daily to produce 65,000 horsepower. A total of 13,000 men are working here now, where prior to the war, 7000 were employed at the peak of production. Today, almost one hundred percent of the output is for war purposes.

In the foundry, 100 tons of steel, and 100 tons of pig iron are produced daily. The articles produced in the foundry are sent to the machine shop, a hundred yards distant, by means of an underground conveyor system.

We now enter the machine shop, where there are 4,300 different machines, running at full blast, to turn out 2,250 complete motors a week. Let us look for a minute at two of these machines. First, a multiple trimming machine, trims twelve engine blocks at both ends, in one operation, to a uniformity of within one, one-thousandth of an inch. The blocks are fastened to a huge revolving drum, and the cutting edges trim each block as it revolves. The second machine is the multiple boring machine, which bores the 84 holes in an engine block, in one operation in 6 or 7 seconds.

When the engines are completed, they are transferred by a conveyor system to the Plant housing the vehicle assembly line. The military units pass down the assembly line, each part ready at hand on a moving conveyor line at the time scheduled. As the units move, the bodies are fastened on to the chassis, the fenders, doors, wheels, etc., put in place, until the unit comes to the last operation where a gallon of gasoline is poured into the tank, and the unit drives off the assembly line under its own power. This one factory turns out 450 military vehicles each 24 hours.

I think that the two most interesting types of military mechanized units are the Universal Carriers, and the four-wheel drive Artillery Tractors. The Universal Carrier, formerly called the Bren Gun Carrier, is a low slung vehicle, propelled by means of tank-like treads. They are armored against small arms, and can travel over extremely rough country with great manoeuverability and speed. The four-wheel drive Artillery Tractor, drives the front wheels as well as the rear. Should the front wheels become bogged down, the back wheels will push them out, and if the back wheels become bogged down, the front wheels will pull the back wheels out. The units can climb a grade as steep as 60 percent. In other words, for every ten feet they travel forward, they are able to climb six feet.

Motor Men Turn Out Guns

Let's journey now, to another automotive plant. Here we find an assembly line similar in principle to the one just described. The same type of units are being produced as described in the previous plant, but with a smaller volume of production.

When the government was faced with the necessity of producing field guns, and naval guns, it turned to the automotive industry for help. This factory undertook to direct operation of a new armament plant that had just been built, and get it into production. Today, field guns are rolling off an assembly line, for the first time in Canadian history, is producing heavy calibre field guns. All the genius and efficiency of this automotive factory has gone into the production of these guns. Another item that this plant is producing in quantity is motors, to be used in Britain to haul down the balloons in the barrages over land and sea. Over 3,000 motors for this purpose were delivered in the space of a few months.

We have time for a hurried visit to one more factory. This plant is also producing equipment similar to that in the other two plants. In addition to this, however, a large new building is under construction, covering several acres, and will 'e into production in a few months with 2,700 men producing small arn for the fighting forces. This plant has already produced a total of more than 112,000 motors.

PORTLAW

Mount Zion W. A. met at the home of Mrs. Harry Fisher on Tuesday of last week, with a good attendance.

Miss Marjorie Pedler entertained her friends at a quilting Thursday afternoon.

Mr. Osborne and Mr. John Badgerow are having their pile of wood buzzed this week by McMullen Bros.

Miss Evelyn Fisher has been out of school and sick with a cold this week.

Miss McKinnon spent the week end at her home, South Line.

Mr. Harry Fisher spent a day in Toronto last week.

We are pleased to see Mrs. Fred Taylor and Mrs. Robt. Fisher able to be visiting friends again.

Mr. and Mrs. Roy Lyons have installed a new radio in their home.

SEND IN YOUR RENEWAL.

Hill's January Opportunity Sale

Starting Thursday, Jan. 15 for 15 days only

A WONDERFUL OPPORTUNITY TO BUY AND SAVE

JOIN THE JANUARY VALUE PARADE

Men's Winter Overcoats and Suits

Ladies' Coats and Dresses

Linoleum Rugs and 4-yard-wide Floor Covering Rugs

Staple Dry Goods Yarns

Rubber Footwear

Men's and Boys' Windbreekers

Hosiery and Millinery

Grocery Department Specials

HERE'S WHERE TO SAVE

SEE LARGE BILL FOR FULL PARTICULARS AND BE ON HAND EARLY

F. T. Hill & Co., Ltd.

MARKDALE, Ont.

Local and Personal

Mr. Ted McTavish of Toronto was home over the week end.

Mr. Emerson McKillop left last week to secure work in Toronto.

Mrs. J. Cargoe is visting her daughters in Toronto.

Mr. Gordon McRae of Thornbury visited a day last week with his mother, Mrs. A. McRae.

Mrs. Wm. Kaitting attended th funeral of her brother-in-law, Mr. Jas. Moore, at Feversham Monday.

Flight Lieutenant Donald Milne of Clinton and Mrs. Milne were visitors with Mrs. J. E. Milne Tuesday.

Cpl. Percy Laxton, Mrs. Laxton and babe of Ottawa are visiting her sister, Mrs. Alex. Henderson.

Miss Beth Warling of Mt. Dennis is visiting her grandmother, Mrs. M. Stewart.

Mr. Robt. Ferris is seriously ill at his home in town, his conditon being very critical.

The curlers had their first game on Saturday evning one one sheet of ice. The weather has not been conducive to the making of ice for curling.

Mr. and Mrs. Gordon Stuart attending the funeral of the latter's father, Mr. J. J. Pattison, which took place in Toronto on Wednesday of last week.

Sergt. Fred Gorrell of the G. & S. Foresters returned last week from Debert, N.S., and is taking a three weeks' gas course at Toronto. He spent the week end with his family in town.

In renewing his subscription to The Advance for another year, Dr. J. E. Strain of North Bonneville, Wm., U.S.A., wishes us to express his appreciation to the many old friends that he met while on his trip last summer to his old home town, for such a splendid time given to his daughter, Genevieve, and himself while here. It was a pleasure to have Dr. Strain and his daughter visit Flesherton, and we hope they will come back again soon.

New Army Uniform

Some time in 1942 the Canadian Army will blossom forth in a smart new uniform if plans now under consideration at Ottawa receive official approval of defence authorities.

The new outfit, it is understood, will not replace the battle dress many have found somewhat drab and unattractive in appearance. It will be a walking out or parade dress which will be issued to troops, in addition to the battle dress.

Sample suits of the new outfit have been made up and are said to be decidedly neat and smart in cut and general appearance.

The uniform is of khaki but of a somewhat finer weave than the cloth used n the battile dress and it is cut on snug lines, very much on the style of the blue uniform worn by the Royal Canadian Air Force.

The snug-fitting tunic has a cloth belt like those worn by Army officers on the old-style service dress tunics. It has a turn down collar which displays a soft khaki shirt and khaki tie.

The khaki wedge cap will be worn with it and offff duty soldiers may wear the colored regimental wedge caps authorized some time ago and which they may purchase at their own expense.

Appendicitis Deaths Low

The number of people who die from appendictis is going down and has reached a new low record, according to figures released by the statisticians of the Metropolitan Life Insurance Co.

"In 1940," the report states, "the adjusted death-rate from this cause was 8.9 per 100,000 (ages 1 to 74), the lowest in the experience of the company, and represented a recline of nearly 40 per cent from the high rate, 14.4 per 100,000 recorded in 1929. Moreover there is every indication the death-rate in 1941 will again set a new low record." advances in surgical skill, and, even more far-reaching, increased public understanding of the symptoms of the disease, of the need for prompt medical and surgical attention, and of the danger af laxatives in case of abdominal pain, are credited with reducing the appendicitis death-toll.

The Dutch may be a people without a country, but the Japanese must know by this time that they have an efficient little navy.

Every business man or merchant should remember that business is sensative. It comes when it is solicited and it stays where it is well treated. Just a tip for 1942!

NOTICE

I, V. J. Tomlinson of Trout Lodge, Eugenia, Ont., wish to withdraw the statement published in The Advance concerning my wife, Mrs. Tomlinson.

NOTICE TO CRFDITORS

ALL PERSONS having claims against the estate of the late Mary Evelena Hale, late of the Township of Osprey, County of Grey, who died on the 26th day of December, 1941, are required to forward their claims duly approved, to the undersigned solicitor of the estate, on or before Monday, February 9th, 1942.

AND FURTHER take notice that after such mentioned date the administrator will proceed to distribute the assets of the estate amongst the parties entitled thereto, having regard only to such claims as they will then have notice.

Dated at Markdale this 16th day of January, A.D. 1942.

—WALTER E. HARRIS,
Markdale, Ont.
Solicitor to the administrator.

TENDERS WANTED

Tenders will be received by the undersigned up to and including Jan. 31st, 1942, for supplying 20 cords of hardwood, 18 inches long, for Ceylon Public School. The lowest or any tender not necessarily accepted.

—John McWilliam, Secty.

NOTICE TO CREDITORS

TAKE NOTICE that the Executor of the Estate of Thomas McLean, late of the Township of Osprey, in the County of Grey, Farmer, deceased, who died on or about the 6th day of December, 1941, will distribute the assets of the said Estate after the 31st day of January, 1942, having regard only to the claims of creditors filed on or before that date with the undersigned solicitor.

DATED AT Thornbury, January 7th, 1942.

—ELMORE C. CARR,
Solicitor for the Executor.

NOTICE
TO HYDRO CONSUMERS

After January 15th, 1942, all new Hydro consumers are required to sign contracts and new tenants are required to make deposit of $3.00 to the Flesherton Hydro Electric System before receiving electric power. Summer consumers only, are required to pay six monthly minimum bills, regardless of how long they reside in the Corporation during the year.

Further take notice that any person or persons vacating their premises without notifying the secretary, Howard Milligan, and having their meter read and locked, will be charged the minimum bill until such notice has been given. All Hydro consumers whose contracts are in arrears, will be disconnected fifteen (15) days after discount date, if such accounts have not been paid.

The Hydro secretary is not allowed to receive any money from consumers. All accounts must be paid at the Canadian Bank of Commerce.

By order of the
VILLAGE COUNCIL

Small Ad. Column

FOUND — License plate 43484T. Can be secured at Advance office.

FOR SALE — Cow, 4 years old, to freshen Jan. 25th. — Hugh Fenwick, Maxwell. 34c2

FOR SALE —4 or 5 tons good hay $12.50 per ton at barn. — Harry Patton. 34c2

FOR SALE — Registered Dual-Purpose Shorthorn bull calf, 10 mos. old—J. J. McFadden, Markdale.

FOR SALE — Hay, $12.50 per ton, also wheat, rye, etc.—Phone 38r3, A. C. Muir, Ceylon. 33p2

LOST — Purse containing $5 and some change around my garage. Finder please return to H. Symonds, South End Garage. 31p2

WANTED — Girl to help wtih general farm house work. Apply to Mrs. Norman R. Brown, R. R. 2, Clarksburg, or phone 166r13. 34

FARM FOR SALE — Lot. 164 - 165, Con. 2, S. W. D. R., Township of Artemesia, containing 100 acres, good house, barn, out buildings and well. For particulars apply to Mrs. Susan Doupe, Proton, Ont.

FOR SALE — 7-room brick house in Flesherton, large lot, garage, good well, must be sold to settle estate of the late Andrew Gilchrist—Apply to John Stewart, Executor, Proton Station, phone 32 r 4.

GIRL WANTED—Girl or woman to help with house work on fruit farm near Beamsville; no outside work; all modern conveniences; high wages to suitable person; country girl preferred. Apply by letter to Box 125, The Advance, Flesherton. 34p2

CHICKS — Book your Bray chicks early—save time, money, overhead buying chicks that will give you early, heavy production. Higher meat prices should make meat cockerels good investments, order now for early markets. See Bray agent: John McWilliam, Flesherton

HORSE WANTED — Small blocky mare, about 11 or 1200, not over 6 yrs., sound and quiet, black preferred, must be willing to take sound 3-year-old driving mare, about 900 as part payment.—F. C. Eagles, R.R.3, Proton Station, telephone 41r3 Flesherton. 32p1

FARM FOR SALE

Farm, about 100 acres more or less, with dwelling house and good buildings, about 3 miles north of Feversham. For sale conditions apply Elmore C. Carr, Solicitor for Walter J. Milne Eestate, Thornbury

FOR SALE—National 17 plate car battery, first class condition. Can be seen at The Advance ffice.

FOR SERVICE—Reg. Yorkshire hog. Robt. T. Blakey, Maxwell, 1 mile east of Portlaw. 34p3

WANTED — Teacher of Music qualified for High School work, grades 9 and 10, minimum qualifications: elementary vocal Type A, Department of Education. Apply immediately to Roy Piper, Secretary Flesherton High School Board, Ceylon, Ontario.

LOST—Hound, black and white, medium size, answers to name of Pat. Last seen at overhead bridge near Priceville. Anyone knowing his whereabouts please notify Percy Sims, Priceville, or Bert Sims, Proton Station. 33c3

FARM FOR SALE

Lots 16 17, Con. 2, N. D. R., Artemesia, containing 100 acres more or less, good wells, creek at back of farm, good clay loam. Reasonable price. Possession at once. —Mrs. R. Stewart, Flesherton.

FARM FOR SALE

Lots 14-15, Con. 1, S.D.R., Artemesia, containing 100 acres, on which is situated a bank barn 45x55, also a large driving shed. This property must be sold to wind up estate. Those interested communicate with John Oliver or W. R. Meads, Priceville, Executors for the estate. 47c

BUSINESS CARDS

AUCTIONEER
WALTER SEELEY
See me about your auction sale. All sales conducted on business principles. Phone me at Feversham 4r13 or make arrangements at The Flesherton Advance office.

DR. S. R. THIBAUDEAU
VETERINARY SURGEON
Graduate of Ontario Veterinary College. Phone: 91—day or night
MARKDALE, ONT.

DR. J. E. MILNE
Office — Durham St.
Office Hours — Afternoons, 1.30 to 4.
Evenings, 7 to 8.30.
Sundays and Thursday afternoons by appointment only.

Prince Arthur Lodge No. 333, A.F. & A.M., meets in the Fraternal Hall, Flesherton, the second Friday in each month. W.M.: J. S. McDermid; Secretary: C. J. Bellamy.