

MAPLE LEAF ALCOHOL ANTI-FREEZE



Will Protect Your Car! ... Makes it safe to drive—no matter what the temperature.

CANADIAN INDUSTRIAL ALCOHOL CO. LIMITED

Distributing Warehouses: MONTREAL TORONTO WINNIPEG VANCOUVER

MAPLE LEAF ANTI-FREEZE Sold by BOYD'S GARAGE 129 BROCK STREET

Auto Batteries Made and Repaired ... ELLIOTT & WILLIAMSON

EDWARDS' AUTO SERVICE ... McLaughlin Car Owners

Batteries Called For and Delivered ... G. McDougall Battery Service

We Can Make ... Automotive Grinders Limited

COAL Try our Pocahontas Smokeless Coal. ... DENNEE & MORRIS

FOR SALE One of the nicest building lots in the city. ... M. B. TRUMPOUR

Internal and External Pains are promptly relieved by DR THOMAS' ELECTRIC OIL

BRICK, STONE, PLASTERING AND TILE SETTING DOUGLAS & McILQUHAM CONTRACTORS

HINTS FOR THE MOTORIST BY ALBERT L. CLOUGH

Transmission Derangements They Frequently Arise From Lack Of Adequate Splash Lubrication

WHEN EXTREME FORCE is required to shift gears from one speed position to another, it is generally because lubrication is lacking.

Lubrication Requirements The constantly meshed countershaft gear, being a very large one and running lowest in the housing is generally depended upon to do most of the oil splashing and there should always be enough fluid lubricant present fully to cover its rim.

Other Causes Of "Jumping Out" Ordinarily the "jumping out" of gears is due to weak action of the locking plungers, which position the shifting-fork slides and increasing the spring pressure which actuates them often stops such trouble.

THICK OIL MAKES CLUTCH SLIP SPARK-PLUGS GET ONLY



T. C. K. asks: Why is it that when I have just started my car on a cold morning, the engine will speed up very fast without the car's increasing in speed?



A. J. McW. writes: The spark-plugs in cylinders 1, 2, 3 and 6 of my car become oily after I have run for a short time. What should I do to stop this?

Throttling Vs. Braking

THE MORE THE SERVICE BRAKES are used, the faster their linings wear and the sooner they become weak and undependable.

Speed Under Closed Throttle The throttle stop on the average car is so set that when the accelerator is let up, a car speed of from three to five miles per hour on high gear is attained on level going and proportionally higher speeds on down grades.

Uncalled For Decutching The above is perfectly obvious, but how many novice motorists decutch and apply the brakes when they wish merely to slow down?

Rely Upon The Accelerator In practice a great part of all slowing-down can be accomplished by the engine and the brakes need be used only to supplement its retarding action and to bring the car fully to rest, but full utilization of the engine for slowing down purposes is realized only when its idling speed is adjusted very low and when the hand throttle is kept closed, leaving the accelerator to control the engine's entire speed range.

SPECIAL CYLINDER-HEAD CAUSES KNOCKING?



W. M. E. writes: My Ford engine which is equipped with eight valve head, knocks when the throttle is suddenly opened at car speeds below 10 m. p. h. but stops knocking when the car reaches a good rate of speed and also runs quietly on a hard pull.

this knocking ceases when highest or "doped" fuel is used. Perhaps lowering the compression which gives a piston, but might defeat the purpose for which the special head was installed.

GEAR-RATIO CHANGES

R. T. writes: I am told that some cars of the same make as mine have greater power, due to a difference in the gearing in the rear-end. Could this change be made in the transmission by substituting different gears?

Answer: No change that could be made in the transmission would give the desired result, as it would not affect the power on high gear, which is a direct-driven speed, in which no transmission gears are concerned. By substituting a piston with less teeth and a ring gear with more teeth, in the rear axle, greater pulling power at the expense of some reduction in maximum speed, can be obtained. It is usual practice to design cars so that purchasers may have an option as to one of two gear ratios, a high gear for use in level country and a lower gear for use in very hilly territory. You can find out from your car dealer whether you have as low a gear ratio as can be supplied, and if not, you can make a change of piston and ring gear.

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.

THE NEWS FROM BATH

Christmas with his parents, Mr. and Mrs. H. D. Wemp. Mr. and Mrs. Claude Thompson and family spent Christmas at D. H. Robinson's. Miss Lorna Calver is spending some time with her father, W. J. Calver.

ing the holidays with Mr. and Mrs. Max Robinson. Charles B. Davey is quite ill at times of writing. Messrs. Swayne spent the Christmas holidays with their parents, Rev. and Mrs. W. G. Swayne, at St. John's rectory.

Clarence Young, Rentrow, spent Christmas with his parents, Mr. and Mrs. W. G. Young. Mr. and Mrs. Frank Mallon and baby, Nanase, spent a day recently at George Devey's. Mr. and Mrs. Ronald Stevenson and family, Nanase, spent Christmas at Robert Calver's.

Mrs. Walter Rikley, Kingston, spent Christmas at Donald White's. Miss Carrie Doyle, Kingston, spent Christmas at B. B. Muller's. Mr. and Mrs. Ralph Sexsmith and son spent Christmas at E. J. Sexsmith's, Nanase.

PRODUCE MARKETS

LIVE STOCK MARKETS

Toronto, Dec. 30.—Export steers, choice, \$7.50 to \$8.40; do., fair, \$7 to \$7.25; do., bulia, \$4 to \$5.25; store, \$5 to \$5.50; heifers, export, \$5.50 to \$6.25; butchers, choice, \$6.75 to \$7.25; do., medium, \$5.75 to \$6.25; do., common, \$4.50 to \$4; cows, fat, choice, \$4 to \$5.50; do., canners and cutters, \$1.50 to \$2.50; bulia, butcher, good, \$2.50 to \$4.50; do., export, \$4.50 to \$5; do., medium, \$3 to \$3.50; do., common, \$2.50 to \$3.50; feeding steers, good, \$5.25 to \$5.50; feeders, fair, \$4.25 to \$4.75; stockers, \$3 to \$4; western stockers, \$2.50 to \$4.50; calves, choice, \$12 to \$13; do., medium, \$6 to \$6.50; do., grassers, \$3 to \$4.50; springers, choice, \$65 to \$75; milkers, choice, \$60 to \$75; lambs, choice, \$14 to \$15; do., medium, \$9.50 to \$10; do., culls, \$7 to \$7.50; buck lambs, \$11 to \$12; sheep, choice, \$7 to \$8; do., heavy, \$4.50 to \$6; do., yearlings, \$7 to \$8; hogs, f.o.b., \$9.75 to \$10.25; do., thick smooth, off cars, \$11; do., select, off cars, \$12.00.

Montreal, Dec. 30.—Cattle, butcher steers, \$6.25 to \$6.60; butcher heifers, \$6.50 to \$6.85; medium, \$4 to \$4.50; butcher cows, good, \$4.25 to \$5; medium, \$3 to \$3.50; good veal, \$9.50 to \$10; grassers, \$9.75 to \$4; ewes, \$4 to \$6; lambs, good, \$11.50 to \$11.75; common, \$10.50 to \$11; hogs, mixed lots, \$10.75 to \$11; bulk of sales, \$10.50 or better; select, \$11 per hundred weight; sows, \$8 to \$8.25.

Buffalo, N.Y., Dec. 30.—Cattle, shipping steers, \$9 to \$11.50; butchers, \$5 to \$6.50; yearlings, \$10 to \$12; heifers, \$4.50 to \$5.25; fair to choice cows, \$2.75 to \$3.25; canners and cutters, \$3 to \$3.75; bulia, \$3 to \$3.50; stockers and feeders, \$4 to \$7; fresh cows and springers, active and strong, \$30 to \$115 per head. Calves, choice, \$17 to \$17.50; fair to good, \$12.50 to \$15.50; culls, \$5 to \$12; heavy, \$6 to \$8; grassers, \$8 to \$8. Hogs, heavy, \$11 to \$11.25; mixed, \$10 to \$11.15; yorkers, \$10.50 to \$11; light yorkers, \$10.25 to \$10.50; pigs, \$9.25 to \$10.50; roughs, \$9 to \$9.50; stags, \$4 to \$6. Sheep and lambs—Lambs, \$4 to \$12; yearlings, \$10 to \$15.50; weathers, \$10.50 to \$11; ewes, \$4 to \$10; mixed sheep, \$10 to \$10.50.

Chicago, Dec. 30.—Cattle, top heavy steers, early, \$11.25; some 1,600 pound average, \$11; best yearlings, \$12.50; bulk fed steers and yearlings, \$8.50 to \$10.50; fat she stock, largely 15 to 25c higher; closing slow at advance; canners, steady to strong; bulis, strong to 25c higher; weighty hologna, \$4.75; vealers, in active demand both on shipping and local killer account; outsiders paying \$15.50 to \$15.80; packers, \$10.50 to \$12.50 mostly; stockers and feeders, scarce; unevenly higher. Hogs, good and choice weighty butchers, \$10.70 to \$10.95; top, \$11; desirable, \$9 to \$10.95; top, \$11; desirable, \$9 to \$10.95; 160 to 180 pound kind, mostly \$10 to \$10.40; 140 to 160 pound weight, \$9.50 to \$10; strong weight slaughter pigs, largely \$9 to \$9.50; bulk packing sows, \$10 to \$10.25; un-mated holdover, \$9.000. Sheep, \$12.25 to \$12.75; top, \$13; good clipped, \$12.25; fat sheep, 25 to 30c higher; top, ewes, \$10; feeding lambs, 50c higher; bulk, \$10 to \$11.50; top, 60 pound weight, \$17.

GENERAL TRADES

Montreal, Dec. 30.—Butter—Creamery, solids, 37c per lb.; prints, 35c per lb.; cooking, 30c to 32c per lb.

Lard—30-lb. pails, 19c; prints, 21c. Eggs—Fresh special, 75c; fresh extras, 70c; storage extras, 45c; 45c.

Bacon—Windor boneless, 35c per lb.; breakfast, 34c to 36c per lb.; smoked ham, 36c to 38c.

Timothy, \$12.50 to \$12.80; delivered to Montreal. Poor judgment always helps to make experience a dear teacher.

GOOD SPRUCE LUMBER

is used for so many purposes it would be hard for us to enumerate them all here, but whatever your needs may be along this line just give us the message and your wants will be attended to promptly.

ALLAN LUMBER CO. Victoria Street, Phone 1042.

MODLER & CO.

BUY HERE AND SAVE MONEY

MEN! Our Overcoats are the best value in the city. Our Overcoats at \$23.75 are regular \$30.00 to \$37.50.



MOTHER! See our Boys' Overcoats. Regular \$9.50, \$12.50, \$16.50, now \$6.50—\$9.50—\$12.50

We have a nice line of Shirts—Prices \$1.25 to \$2.85 MODLER & CO. Next Door to Grand Opera House 236 PRINCESS ST.

CHOICE PLANTS

Choice selection to pick from—Anemone, Cyclamen, Cherry Trees and Ferns of all kinds. All seasonal Cut Flowers. Wedding Bouquets and funeral designs.

Kingston's Leading Florist Corner of Brock and Wellington Streets Telephone 770. H. STONE, Manager.

ELECTRIC SPECIALS

Tungsten Lamps 5 for \$1.00 One First Class Vacuum Cleaner—regular \$65.00—Sale Price \$40.00

BURKE ELECTRIC CO 244 PRINCESS STREET (Near Sydenham Street) Phone 428.

Home Needs Practical Gifts

will also increase in sentiment as year by year the gift is associated with the giver. Sewing Tables, all latest styles. End Tables. Consol Mirrors. Costumers. Floor Lamps. Table and Bridge Lamps.



Kenwood Blankest Pure wool, in all the latest colors. Make a suitable gift.

Robt. J. Reid Funeral Service. Ambulance 877.