

Automobile News—

Moisture in Motor Major Winter Hazard; Drivers Advised to Have Cars Checked

Auto Dealers Find Sales Hitting New Highs Since 1929.

Moisture brought on by cold weather may be one of the most effective handicaps to good automobile performance in winter, according to local garagemen.

Offering advice to motorists, they pointed out that moisture collects in the motor just as it does on automobile and house windows.

It was recommended that at the beginning of cold weather motorists have their fuel systems cleaned and checked for moisture. One service man urged that gasoline tanks be kept full throughout the winter. He explained that this will prevent moisture gathering in the tank, which might result in frozen carburetors and fuel pumps.

All agreed that a complete winter checkup should be made of autos. This would include a check of the electrical system, including the battery, generator and cables; a change to winter lubricants, and testing of the water and cooling system, the brakes and wheels.

Light Oils Needed

It was explained that batteries which are 100 per cent efficient during hot weather often are only 65 per cent efficient during cold weather. A greater handicap in starting is offered if lighter greases and oils are not being used.

The servicemen recommended the use of thermostats in the water system so as to keep the temperature of the motors in a temperature range of 160 to 170. The purpose of a thermostat, they said, is to keep the water confined in the cylinder block to provide sufficient motor heat to make the carburetor and automatic chokes function properly. Often a thermostat that has been in the car all summer will not function, with the result that it is difficult to get the motor warm. A major effect of this, it was pointed out, is poor gasoline mileage.

The performance of a thermostat also is governed by the type of antifreeze being used. Motorists are advised to tell garagemen what type antifreeze they are using when they have a new thermostat installed.

Warning on Brakes

To insure safe driving, the servicemen recommend that drivers have the car's brakes and tires checked early in the winter. They explained that unequal brakes which might perform satisfactorily on dry streets are highly dangerous on ice or snow. Tires with smooth treads are equally as dangerous, they said.

One garageman recommended that motorists who do not do much driving during cold winter should change oil more frequently.

"The motorist who expects to use his car during the winter," one garageman said, "should find some service station in which he has confidence, ask the station to prepare his car for winter and return often for regular checks. He'll find he has money in his pocket when spring comes."

Keep Busy Delivering Cars Sold at Show

Taking stock after the Indianapolis automobile show, salesmen and agents today found that motor sales were reaching new high figures for the period since 1929. Most agencies were still busy delivering cars bought at the show, as well as enjoying the largest postshow selling period since before the great depression.

According to C. O. Warnock, president of the Indianapolis Auto Trade Association, the outlook is "very favorable."

He added: "I took a look at the automobile registration figures the other day and they filled over a column and a half for one day. This is very unusual. The upturn in business generally is being reflected in increased automobile sales."

According to salesmen, the new cars have made a very favorable impression on the buying public. Changes in body design, especially, have met with the approval of the customers.

Automobile men are looking forward to a year that will better any since 1929. The only difficulty some of them see is trouble in getting delivery from the factory. However, they believe that this difficulty gradually will lessen as the year lengthens.

Agents and salesmen attribute the upturn in sales and the prospects of a boom year to increased buying power of the public brought about by the return of better general business conditions.

'Snappy' Is Featured By Standard Oil

CHICAGO, Dec. 2.—"Snappy" is the name of the little goon-like character who is featured in Standard Oil Co. of Indiana's winter advertising campaign, Wesley I. Nunn, advertising manager, announced today.

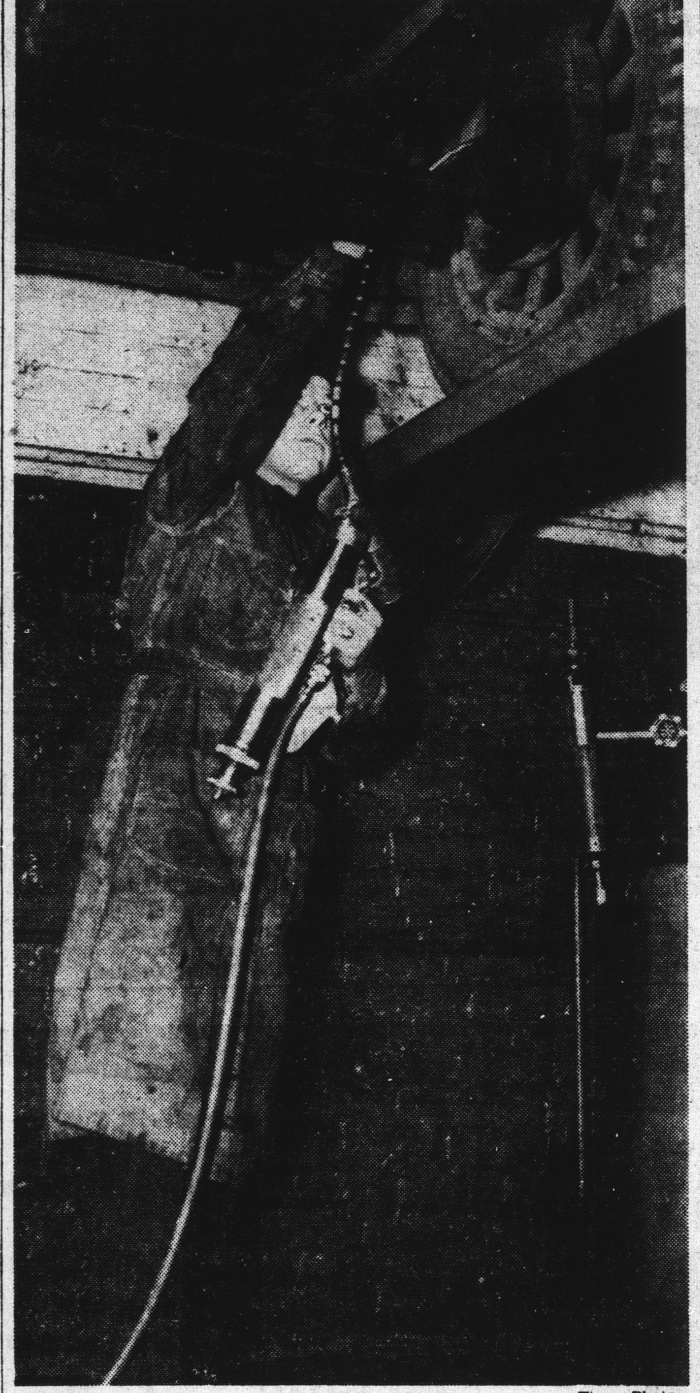
The campaign is scheduled in 1700 daily and weekly newspapers in 15 Middle West states, with other media including 2,000,000 Snappy pop-gun give-aways for children, a curb sign at 23,000 Standard dealer stations and a 24-sheet outdoor poster board in cities of more than 10,000 population.

'Emergency Lessons' For Drivers Urged

NEW YORK, Dec. 2.—Simple rules to teach drivers how to handle their cars in emergencies were recommended today by Dr. Burton Lemon, U. S. Rubber Co. tire engineer.

"Failure to drive intelligently and to think in a crisis is not so much due to laziness or pride," he declared, "but rather to ignorance and lack of emergency experience." He urged that a knowledge of these rules be required of all new and

Change in Lubricants Urged



Included in winter driving recommendations made today by local garagemen was a change from summer lubricants. John Edmond of 3777 N. Meridian St. is lubricating this car with lighter grease for cold weather motoring.

old drivers when licenses are granted.

"The human problem in accidents is now paramount and always will be," Dr. Lemon said. "It would not be too much to urge that drivers practice emergency stops under favorable and some unfavorable operating conditions. Familiarization of drivers with emergency handling of motor vehicles is one of the best insurances against accidents to which tires, particularly, may be contributory, because the feel of the vehicle is through the tire."

Six-Ply Tires Suggested on Trailers

SPRINGFIELD, Mass., Dec. 2.—Tire tips for trailer owners preparing to go south for the winter were listed today by A. E. Benson, Fisk Tire Co. product development manager.

He advised the use of six-ply tires for both trailers and rear wheels of the cars. Extra plys, he explained, give a deeper tread, longer wear and increased protection against punctures and blowouts.

Mr. Benson recommended the use of rib-tread tires on the trailer to reduce side-swing, side-skidding and jack-knifing. A tire dealer should be consulted, he said, on the correct tire pressure to keep the trailer from bouncing. Periodic inspections for cuts and buried objects will eliminate future trouble, he declared.

100 Per Cent at 80, Only 42 at Zero

AKRON, O., Dec. 2.—A storage battery that is 100 per cent efficient when the temperature is 80 is only 42 per cent efficient at zero, studies of the B. F. Goodrich Co. engineers have shown.

"The action inside the battery cell is of a chemical nature, with the acid acting on and through the plates," a bulletin issued by the engineers states. "As it becomes colder, plate materials contract, and the pores become smaller, while at the same time the acid becomes thicker and heavier. Combination of the acid with the material in the plates,

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89 PER CENT OF DRIVERS FAVOR NEW AUTO LAWS

Club Proposals to Go to Legislature if Majority Vote 'Yes.'

Votes of Indiana motorists on automobile law changes proposed by the Hoosier Motor Club today continued the 89 per cent favorable trend shown by first ballots last week.

If a majority of motorists are in favor of the 14 proposals they are to be submitted to the coming session of the State Legislature, the club has announced.

A 15th proposal, requiring all passenger cars to be factory-equipped with automatic turning-signal devices, is to be sent to members in the next issue of the Hoosier Motorist, Robert Scroggin, editor, said today. A large number of members who have mailed in their ballots have urged this he stated.

Favor 4-Year Fee

A suggested 50-cent four-year fee in place of the present yearly driver's license received a vote of 184 to 27.

Motorists voted 145 to 58 for the proposed change in the date of buying licenses from Jan. 1 to July 1.

The repeal of all Federal excise taxes on autos, gasoline, oil and accessories was favored, 200 to 15.

Only four persons were against the proposal to make the operation of a mechanically unsafe car illegal. Those approving numbered 218.

The proposal to return two million dollars diverted by legislative action into the general fund in 1932 received 212 votes for and 11 against.

Other Votes Listed

Other proposals and the votes were:

Require weeds and growths to be cut by July 1 each year, instead of the present June 15-Sept. 1 period. Yes, 217; No, 3.

Repeal moratorium on county unit and gravel road bonds. Yes, 156; No, 34.

Eliminate jurisdiction of justices of the peace over highway traffic violations. Yes, 200; No, 8.

All motor car taxation and license fees collected by the State to be placed in the State highway fund and to be used exclusively for road building or maintenance. Yes, 214; No, 7.

Favor Wider Highways

Widen and protect all main arterial highways. Yes, 216; No, 3.

Eliminate the oil inspection fee. Yes, 217; No, 6.

Require all new cars sold after Jan. 1 to be equipped with bumpers of a uniform height. Yes, 200; No, 6.

Have a uniform license fee for all makes of cars. Yes, 171; No, 46.

Eliminate the necessity of presenting a poll tax receipt before obtaining license. Yes, 132; No, 82.

Lincoln-Zephyr Output Increased 50 Per Cent

DETROIT, Dec. 2.—The 1939 Lincoln-Zephyr production already has been stepped up twice, and the daily output now is running 50 per cent above initial schedules, according to A. S. Hatch, in charge of Lincoln and Lincoln-Zephyr sales.

"The higher level of Lincoln-

As Low as \$1 Weekly Holiday Shoppers—Attention!

We have turned the tables and are giving you the opportunity to purchase several weeks before Christmas, that long cherished gift . . . a piano—at our regular January clearance sale prices. Every one offered is an exceptional value. Choose the piano you desire at once. A small deposit will hold it for Xmas delivery.

NEW AND USED

\$19

\$119

\$195

\$65

\$39

\$357

As Little As \$1.00 Holds Any Piano For Xmas

OPEN TILL 9 P. M.

WILKING MUSIC CO.

120 E. OHIO ST. and 229 MASS. AVE.

Engineer to Talk



John A. C. Warner

AUTO CONGRESS TO BE DESCRIBED

Warner and Detroit Editor On State Engineering Society Program.

John A. C. Warner, secretary and general manager of the National Society of Automotive Engineers, is to address the Indiana section of the society at its meeting here Thursday, Macy O. Teetor, section chairman, said today.

Mr. Warner, formerly associated with the Studebaker research department at South Bend, will describe plans for the World's Automotive Engineering Congress to be held in America next summer. Indianapolis will be host to the congress for two days.

Also on the program next Thursday is Joseph Geschelin of Detroit, technical editor of Automotive Industries. He will analyze current motor car designing with emphasis on radical design shifts, Mr. Teetor said.

Members of the automotive industry and trade are invited to attend the dinner at 6 p. m. and the open meeting at 8 p. m. in the Boulevard Room of the Antlers Hotel, Mr. Teetor said.

CYCLING GROWS IN POPULARITY

Improved Vehicles, Roads And Costumes Hailed by Old-Timers.

NEW ORLEANS, Dec. 2 (U.P.).—More comfortable clothes, better balanced bicycles and improvement in roads have made cycling in the United States more popular today than during the 1890s, two old-time cyclists here agree.

The shorts-and-sweater outfits worn by girl cyclists today hardly can be compared with the "three or four petticoats, starched stiff shirtwaists and bustles" worn 40 years ago, according to Gus Betat, who has been an ardent cyclist since the days of the "high-boys" entire ensemble was quite impressive and the damsel of the Nineties did indeed look sweet, but she assuredly was in no position for acrobatics," Betat said.

Ginder Abbott, who also has watched the bicycle develop from an awkward, ungainly contrivance into the streamlined model of today, expressed amazement at how easily the modern cyclist "learns the ropes."

He recalled how beginners in the Nineties learned to ride with a leather belt around their waist, the belt being attached to a pole held by an instructor who kept them from falling. The spectators, he said, would get more fun out of watching the beginner than an accomplished cyclist.

Mr. Abbott said that where almost every schoolboy can ride a bicycle today, the cyclists of the Nineties were mostly "those of an adventurous spirit."

The two old-timers recalled a "great cross-country" race of 16 miles from Bay St. Louis to Pearl-Griffin, Miss.

"We stopped at a farmhouse and a couple of youngsters in the yard ran into the house yelling like Comanche Indians," Mr. Abbott said. "They never had seen a bicycle before."

demand

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Value beyond compare in a gift of beauty and quality! Specially priced!

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Lady's Bulova

Dainty, tiny Bulova in a smart, new style. Guaranteed accuracy.

\$24.75

50c DOWN 50c A WEEK!

Lady's Jeweled ELGIN

Traditional Elgin beauty and accuracy in a beautiful new model.

\$24.75

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MEN—Take Advantage of This Pre-Christmas Sale of Better OVERCOATS SUITS AND TOPCOATS

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• The Quality You Usually Find for \$18.75

\$11.75

We want you to compare these garments with those selling for more elsewhere! Quality preferred by many well-dressed men—expertly tailored, splendid fabrics, smartest styles! All sizes!

\$16.95 SUITS and OVERCOATS

Tomorrow **\$10.95**

Expertly made from long-wearing materials! Newest styles—best color!

These Are Marvelous Values!

Reg. \$1 Quality

79c

• Solid Whites!

• New Colors!

• Fancy Patterns!

Handsome tailored shirts . . . cut full of splendid quality materials! Seven-button front, ocean pearl buttons! Buy now for Xmas!

Sale of SUEDE LEATHER JACKETS

• Usually \$3.95

• \$5 Value!

Zipper style jackets with knit collar and cuffs! Suede pockets! Sizes 38-46! Grand for a Xmas gift!

MANY GIFT BARGAINS!

Men's Broadcloth Or Flannel PAJAMAS

• Slipover or Coat Styles!

98c

Cut full, well made . . . many colors from which to choose! Buy now at this low price!

Sale of Men's Regular 25c Dress Socks

Patterns, Solid Colors!

15c

Wide selection of good looking socks! Rayon and cotton! Reinforced heels and toes!

Men's All-Wool MUFFLERS

Buy now for Xmas gifts. These are exceptional values. Hurry!

49c

Men's 69c SUSPENDERS . . . 49c

Men's \$4 Suede Front Sweaters, \$2.98

\$2.98 All-Wool Sweater Vests, \$1.98

Men's 98c Brshd Wool Sweaters, 79c

Men's Bright Colored Earuffs . 49c

Men's Gift HANDKERCHIEFS, Box 49c

Boys' 2-Piece SUITS . . . Now \$2.98

Special! Boys' Corduroy PANTS, \$1

Give Her One of These Gorgeous FUR COATS

FOR CHRISTMAS!

\$29.50 and **\$39.50**

Coats with an important fashion feature that you'll agree are tremendous bargains! Newest styles, expertly made, well lined!

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