

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, autoists have their fuel systems cleaned and checked for moisture. One serviceman 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 goes on.

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 gnome-like character who is featured in Standard Oil Co. of Indiana's winter advertising campaign, Wesley L. Nunn, advertising manager, announced today.

The campaign is scheduled in 1700 daily and weekly newspapers in 13 Middle West states, with other media including 2,000,000 "Snappy" pop-gum 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 Leonard, 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



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 194 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, 209; 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.

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It was announced at Dearborn that Ford and Mercury production also would be increased because of a larger volume of retail sales. Ford production will be stepped up to 4400 units a day, while Mercury production will be increased approximately 30 per cent.

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 highly cherished gift—a pair of 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.



100 Per Cent at 80, Only 42 at Zero

Times Special

SPRINGFIELD, Mass., Dec. 2.—First tips for trailer owners preparing to go south for the winter were listed today by A. E. Benson, Fish 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.

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Lincoln-Zephyr Output Increased 50 Per Cent

Times Special

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.

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