

Greater Gasoline Mileage Objective Of Intense Search Of All Automobile Makers

By DAVID J. WILKIE
Associated Press Automotive Editor

DETROIT, Aug. 18.—(AP)—The search for greater gasoline mileage is being pushed in every auto maker's laboratories.

Some of the manufacturers believe they can find it in lighter cars; others are seeking it through research in carburetion. The laboratory work currently under way gives promise of considerably greater mileage in the not too distant future.

Producing a lighter car isn't difficult if its size is reduced. Most car makers, however, don't want to make their vehicles noticeably smaller. So they are trying once again to build what they call a standard sized car several hundred pounds lighter than current models.

These units will be a few inches smaller but not enough shorter or narrower to put them in the small car class.

So far the industry hasn't been particularly successful in reducing weight without cutting down the size of its cars. In most instances where it has boasted of a weight reduction in its standard sized models, it has had to put the weight back in again.

In the carburetion experiments considerable attention has been given to methods of distributing the fuel mixture to the various cylinders. A lot of basic work on the carburetors themselves also is under way.

More Mileage Needed

In the rush to get new automobiles immediately following the war car buyers gave only little thought to gasoline mileage. In a buyer's market the car industry will need all the selling arguments it can muster and miles per gallon will be one of the best.

With present high compression engines considerably increased mileage is obtained. It is true, however, that little more mileage may be expected from increased compression alone until higher quality gasoline becomes available.

But the car makers apparently expect higher mileage fuel sooner than do many motorists. Several of the auto makers have designed their engines so that they may be adapted to higher quality gasoline merely by changing the engine-head.

This increases the engine's

compression ratio. Compression ratio is the amount of space allotted to piston travel in relation to the space into which fuel is confined when the piston is at the top of its compression stroke.

Other Things to Consider

Of course, a lot of things besides gross vehicle weight, carburetion and engine compression affect gasoline mileage. Among them are weight distribution, wheel balance, maximum timing efficiency, smooth functioning of transmission and even such a lesser item as proper tire inflation.

Fuel economy probably is more important to motorists operating cars of the lower priced makes. Yet, sales executives say, owners of medium and high priced vehicles have been showing increasing interest in how many miles per gallon they may expect of their new cars.

That's why all the factors affecting gasoline consumption are coming in for increasing study in all the automobile industry's laboratories.

McKay Appoints Nurses On Advisory Council

SALEM, Aug. 18.—(AP)—Gov. error Douglas McKay Wednesday announced his appointments of the state practical nurse advisory council, a group created by the last legislature.

The appointments include Wesley Lamer, Miss Dorothy Vosen, Dr. Jessie Laird Brodie, and Mrs. Thelma West, all of Portland, Dr. Thomas E. Griffith, The Dalles, and Mrs. Mary A. Knecht of Eugene.

COPCO SELLS BONDS

MEDFORD — According to a statement issued by A. S. Cummins, president, the California Oregon Power company sold \$7,000,000 first mortgage bonds, series 'c' due Aug. 1, 1979, 2 7/8 percent at \$100.42 per bond.

The issue was purchased by a group headed by Halsey Stuart & Co., Inc. and was offered Wednesday, August 17, at \$101 to yield 2.82 percent.

The proceeds from the sale, together with those from the recent sale of 250,000 shares of common stock, will be used to refund bank indebtedness and finance in part the company's construction program.

Camas Valley

By MRS. JAMES COMBS
Ray Long of Sharpburg, Ia., is visiting his mother, Mrs. Hattie Long, and his sisters, Mrs. Louis Papst and Mrs. Martin Wycoff. He will visit other relatives in Tenmile and his brother, Bernard, who is in a hospital in Eugene.

Arthur Papst spent a week at home. Several stitches had to be taken on his nose when he was hit by a flying piece of bark while working with a fire fighting crew.

Mrs. Katie Pence of Portland spent a week at the home of Mrs. Story Martindale. Mrs. Pence was formerly Miss Katie McKinney and she lived in the valley some 36 years ago.

Miss Margaret Brown of Portland spent the weekend with her sister, Esther Brown.

Mr. and Mrs. Charles Millet of Coos Bay and Mr. and Mrs. Cecil G. Davis and their daughter, Joanne, and Carole James of North Bend visited in the valley Sunday.

Ray Trowbridge of Medford visited Saturday and Sunday with friends and relatives.

Mrs. C. W. Perry of Myrtle Creek and her sister, Adeline Krug, of Portland visited in the valley Thursday with Mrs. Letta Amstein and Mrs. Jack Parrott.

Mrs. Helen Lechner and Mrs. Mabel Casey, of Portland, and Mr. and Mrs. George Amstein of Eugene are spending the weekend with Mr. and Mrs. Ote Amstein.

The John Harmsen family left Saturday for a vacation trip to Canada and out through Yellowstone park.

Bob Stobie who has been seriously ill for several days has been taken to the Myrtle Point hospital.

Sutherlin

By MRS. BRITAIN SLACK
Mr. and Mrs. Adam Stankovich (nee Anna Lee Allen) of Santa Clara, Calif., visited with Mrs. Cora Allen, Mr. and Mrs. Dee Atterbury, and Mr. and Mrs. Harvey Brown for a few days last week. Mrs. Stankovich has many friends in Sutherlin, as she spent her younger days here and was a graduate of Sutherlin High school.

John Brown, Mr. and Mrs. Dyke Brown and their daughter, and Mr. and Mrs. Clay Brown enjoyed a motor trip over the weekend.

Art Correll and Frank Riemschneider were business visitors at Scottsburg one day last week.

Mr. and Mrs. Arthur Smith of Shasta City, Calif., visited in Sutherlin last Tuesday with Mrs. Smith's sister, Mrs. Cora Allen.

Mr. and Mrs. Dee Atterbury and children spent Tuesday in Medford, visiting and transacting business.

Mr. and Mrs. Britain Slack enjoyed a motor trip to Sisters Sunday and report that the wind was blowing, and that they did not enjoy the dust very much, although the country and the lava beds were very interesting.

Miss JoAnne Amorde of Portland spent the last weekend visiting with her parents, Mr. and Mrs. Archie Amorde, and other relatives and friends.

Albert Slack left Monday for Eugene, where he expects to spend several days having dental work done. He will then go to Greenleaf to visit with his daughter and family for a few days, before returning home. Mrs. Letta Braucht is staying with Mrs. Ida Slack during his absence.

Catholics Urged To Fight For 2 Major Principles

PORTLAND, Aug. 18.—(AP)—Senator J. Howard McGrath urged Catholics to battle for christianity and democracy in a speech Tuesday that opened the supreme convention of the Knights of Columbus.

The Democratic party national chairman said the church must become militant. He warned that "in Europe and Asia the old barbarities are reappearing with a new scientific vengeance."

McGrath then criticized what he called the "crass materialism, which would elevate and glorify sense and sensuality, above spirit and conscience" in the United States. The Rhode Island senator said "piety and patriotism alike demand a re-minting of the coinage of our christian civilization."

About six and a half billion glasses of iced tea are consumed in this country every year.



WHERE 15 MET FIERY DEATH—Rescuers search the charred and ripped wreckage of the Greyhound bus in which 15 persons were burned to death when it crashed into a concrete bridge abutment near Bloomington, Ind. Thirteen passengers and the driver survived the crash. (NEA photo)

Klamath Grangers Score Purge Move Aimed At 22 State Legislators

KLAMATH FALLS, Aug. 18.—(AP)—Copies of a resolution denouncing the State Grange's "purge" move against 22 members of the state legislature have been prepared for distribution by the Klamath County Pomona grange.

Pomona grangers adopted the resolution by a strong majority at a meeting last weekend at Henley. The Henley grange offered the proposal, which had received unanimous support at a Henley grange session.

Henry Semon, Democrat, and Ed Geary, Republican, Klamath's lower House representatives, were among the 22 nominated for defeat in action taken by the State grange in recent session at Coos Bay.

The "purge" was proposed on the basis of votes for House resolution No. 7 at the last session, which would have required that a percentage of names for referendum or initiative petitions must be obtained in each of the four congressional districts. HR 7 did not pass but its supporters drew fire from State Grange Master Morton Tompkins with

resultant purge action at the state meeting.

The Klamath grangers condemned the purge as "wrong, uncalled for and not in the interest of good government or conducive to grange harmony." The resolution asserted that the men on the purge list used their own judgment and refused to be intimidated by "pressure group politicians."

The resolution will be sent to other Pomona granges suggesting similar action.

Russian Ambassador To Yugoslavs Recalled

LONDON, Aug. 18.—(AP)—Russia has recalled her ambassador to Yugoslavia, which was denounced last week as an enemy of the Soviet union, and promoted him to Deputy Foreign Minister.

The Moscow radio announced the shift in duties for career diplomat Anatole I. Lavrentiev Monday.

The Russian announcement made no mention of a successor in the Belgrade post.

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