

GIVES HINTS ON HOW TO BUY GAS

Type of Fuel Depends on Kind of Motor One Has Under Hood

The kind of gasoline you buy should depend on the type of motor you have under the hood.

This idea is brought out in a rather indirect way, by Dr. George Granger Brown, professor of chemical engineering at the University of Michigan and director of research for the National Gasoline Association of America. His address, which was given before the Society of Automotive Engineers, is printed in two recent issues of the National Petroleum News.

Dr. Brown reviews the relationship of the gasoline and automotive industries, and divides this into three periods.

Up to 1916, says Dr. Brown, gasoline was merely a by-product of the petroleum industry, and represented that part of the crude oil that was too volatile for kerosene, which was more needed. But it was fine for automotive engines. During the war, the next period, gasoline came into so great a demand for the fighting forces that it became the major petroleum product and its volatility declined. The result was that automotive engineers had to design lower compression motors to accommodate the low volatility fuel.

Since 1922, however, anti-knock fuel has come along, and motors have been redesigned for its use. Here comes the difficulty, however. Before this better fuel came in, motors had been designed to make the best of the poor wartime gasoline. The main tendency was to pre-heat the mixture with the exhaust gases.

And it's still being done. Therefore, it is important that motors with heated intake manifolds be fed the inferior kind of gasoline, rather than the anti-knock or highly volatile variety.

Heating the manifold increases the tendency of the engine to knock, if a fuel of partial volatility is used.

At the same time super-heating of a mixture as it passes through the manifold, says Brown, causes a loss in power and an increase in fuel consumption, especially at part-throttle.

With the better grade of fuel on the market, therefore, auto manufacturers will not be obliged to provide for pre-heating the manifold—even for cold weather starting.

WORD "FLAPPER" SILLY? LONDON—The word "flapper" is silly, in the opinion of Mrs. Stanley Baldwin, wife of the prime minister. "Might just as well call young men 'choppers,'" Mrs. Baldwin added that Elizabeth was 29 and Victoria 18 when they ascended the throne and she asked if they were flappers.

GARAGE GOSSIP

Seattle Man Here—H. L. Blangy territory representative of Hudson-Knox, was among several men from the Seattle office who visited here during the week.

Went to Summerville—Vern Jennings of Jennings and Shumate, Oakland-Pontiac dealers, spent part of Wednesday doing business at Summerville.

Joseph Man Buys Car—Edward Heger is the owner of a 52 Chrysler sedan. Mr. Heger purchased the car from Weeks & Buchanan. Mr. Heger's home is at Joseph.

Here on Business—Paul J. Masson, of the accounting department of the Chevrolet company, was a business visitor here during the past week, transacting business at the Blue Mountain garage.

Made Trip to Branch—L. W. Weeks, of the Weeks & Buchanan garage, made a trip to Wallawa county Thursday on Chrysler business.

Went to Baker—E. L. Ledbetter, La Grande-Hudson-Knox dealer, spent Friday in Baker.

Buy Studebaker—The Hunting Tractor company purchased two new Studebakers during the past week from M. J. Goss.

Buys Oldsmobile—Paul Sadler, of Elgin, is driving a new Oldsmobile sedan. The deal was made through the Oldsmobile Sales company of this city.

Went to Wallawa—W. E. Buchanan, of the Chrysler garage, Weeks & Buchanan, spent Monday in Wallawa county on business.

Buys Chrysler Coach—R. E. Strider, of Enterprise, is driving a 52 Chrysler coach which he purchased from Weeks & Buchanan during the week.

Here From Boise—E. C. Runnells, territory representative of the Willys-Overland headquarters in Boise, has been spending a few days here transacting business at Gettings & Hanks, local dealers.

Buys Buick—John Winston, of Joseph, is the owner of a Buick coupe which he purchased from M. J. Goss, La Grande dealer.

Here From Elgin—Mrs. E. C. Gettings, of Elgin, spent part of Thursday visiting in this city. Mr. Gettings is associated with W. D. Hanks as Willys-Overland dealer for this section.

Buys Chrysler—John Bain, of Elgin, is driving a new Chrysler 62 coupe which he purchased from Weeks & Buchanan.

Here From Portland—H. Kelly, Ford road man from Portland, was a visitor in La Grande at the Perkins Motor company during the week.

Bought Chrysler—Miss Pauline Becker, of Elgin, is driving a new Chrysler 52 sedan which was purchased from Weeks & Buchanan. The item was incorrectly given last week.

Returned From Portland—Fred Burgess, owner of Burgess Battery & Electric station, returned Tuesday from a business trip to Portland.

Excited Lady (telephoning to insurance broker): I want to insure my garage and car at once. Can I do it over the phone?

Insurance Broker (mildly surprised): Perhaps I'd better send a man.

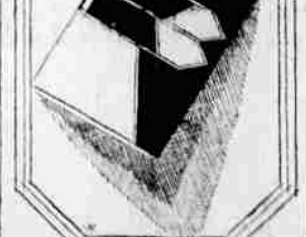
Excited Lady (frantically): I've got to do it immediately, I tell you. They are both on fire!

American Y. M. C. A. schools in France have as pupils 1300 Russians who fled from the soviet regime.

An expensive revolver was presented to John Mitchell, jailer of Beaufort county, South Carolina, by his prisoners.

The Charleston, still popular in France, is blamed there for an unusual number of sprained knees.

The Spanish theater at Madrid, built first in 1582 and replaced in 1802, is being modernized.



BEIGE AND NAVY BLUE calf fashion this new envelope bag of modernistic design

NEWEST FILM FIND APPEARS



Out of the South Seas comes the latest movie find. She is Raquel Torres, daughter of a Tahiti chieftain, whose work in a South Sea idyll with an American company won her a contract. Here's Raquel upon her arrival in San Francisco on the Union Royal Mail liner Makura, with the pet honey bear her people gave her as a mascot.

Oakland's Four Month Total Is About 100,000

PONTIAC, Mich., May 5.—With an April schedule calling for 7500 more Oakland and Pontiac sales than during April of 1927, the Oakland Motor Car company is establishing a production record of nearly 100,000 cars for the first four months of the year. This Oakland-Pontiac production represents an

increase of 85 per cent over the 53,657 automobiles which the company built during the corresponding period of last year.

Each of the four months of this year saw the company establish a new Oakland-Pontiac production record. Twice during February it was found necessary to increase the production schedule and the continuing influx of orders from the company's big dealer organization has resulted in equal prosperity during March and April.

The schedule increases during February were rendered possible principally through the opening of

a third production line in the Pontiac Six factory. High production was maintained in March despite the fact that the Oakland Six factory was closed during the last week of the month to permit equipment to be moved from the old Oakland assembly building to the new \$2,000,000 assembly structure which started producing cars on April 2nd.

"With both cars now being built in ultra-modern factories whose equipment is the last word in production machinery, we face the growing spring demand with entire confidence," said W. R. Tracy, vice president in charge of sales.

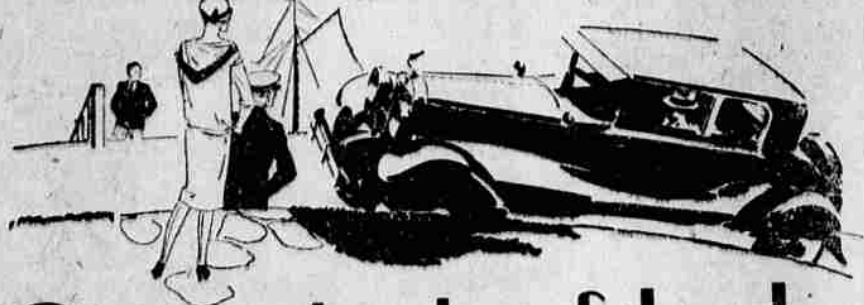
"You say you've stopped your wife from back-seat driving?" "Yes, I put the mirror back with her!"

Enriched by the sale of timber it owned, Urbes, France, has built a public gymnasium, theater and bath.

NARROW ESCAPE NEW YORK — Charlie Kinthaber, truck driver, will be careful hereafter about taking a nap on his parked machine. When he did so in front of a skyscraper under construction a ten-ton steel boom fell 22 stories from a derrick right through the truck. Charlie was awakened. Nothing else happened to him.

Packs of wild dogs are reported to be killing livestock around San Angelo, Texas.

Reflects Tomorrow's Vogue



Chassis leader of the day supreme in Beauty too

The New Hudson's distinction in vogue is adding thousands of beauty lovers to the hosts who want its supremely brilliant performance. And all are delighted to find, with all its other economies, a gasoline saving never attained by a car of its weight and size.

NEW HUDSON PRICES

118-inch Chassis	
Coupe \$1265 (Rumble Seat \$30 extra)	Coach \$1250
Sedan \$1325	
127-inch Chassis	
Standard Sedan \$1450	Custom Victoria \$1450
Custom Landau Sedan \$1650	Custom 7-Passenger Sedan \$1950

All prices f. o. b. Detroit, plus war and excise tax. Buyers can pay for cars out of income at lowest available charge for interest, handling and insurance.

HUDSON Super-Six

E. L. Ledbetter

APRIL tops the Greatest 4 Months in Willys-Overland history

SENSATIONAL NEW LOW PRICES

WILLYS-KNIGHT SIX

DOUBLE SLEEVE VALVE \$995 COACH

Standard Six Coupe \$1045, Sedan \$1095, Touring \$905, Roadster \$995, Special Six prices from \$1295 to \$1495. Great Six prices from \$1595 to \$1695.

THE new Whippet Six

\$695 COACH

Whippet Six Prices: Touring \$615, Roadster \$635, Sedan \$745, Coupe \$695



The PERFECTED Whippet

\$535 COACH

Touring \$555, Roadster (2-pass.) \$485, Roadster (with rumble seat) \$525, Coupe \$535, Cabriolet Coupe \$565, Sedan \$555.

WORLD'S LOWEST PRICED SIX

with 7 BEARING CRANKSHAFT and many other quality features

Gettings & Hanks

Corner Fir and Jefferson

\$875
COUPE F.O.B. DETROIT
for
DODGE BROTHERS
STANDARD SIX

The Greatest Performer ever sold under \$1,000

Don't miss the experience of driving this remarkable new Six by Dodge Brothers!

And set your hopes HIGH—for here is the fastest and finest performer in the world selling for less than a thousand dollars. With the fastest acceleration AT ALL SPEEDS! And the most astounding power on hills you've ever experienced.

1 horsepower to every 47 pounds—an engine that in all moderation can be called SENSATIONAL. With the ruggedest Dodge chassis ever built; and Midland Steeldraulic four-wheel brakes to control the car's flashing action.

4-Door Sedan \$895
Cabriolet \$945
DeLuxe Sedan \$970
f. o. b. Detroit

A long, smart, extra-roomsy Six available in four fashionable body types: the Coupe, the 4-door Sedan, the Cabriolet and DeLuxe Sedan. Drive it a day and you'll drive nothing else!

L. C. SMITH

5th and Depot

ALSO THE VICTORY SIX \$895 TO \$925 AND THE SENIOR SIX \$1295 TO \$1325