

AUTOMOTIVE NEWS

SECRET OF SMOOTH ENGINE OPERATION IS GRADE OF OIL

The secret of continued smooth anti-knock performance with your new car is in the motor oil you use, rather than the gasoline, according to information disclosed by Union Oil company's research engineers.

Most cars when new will perform without knocking on a good, first-grade gasoline, the engineers said. The cause of knocking in most cases, they found, is the accumulation of carbon formed by the motor oil used. Tests conducted by Union's research staff proved this carbon build-up is much faster than ordinarily believed. In a series of tests conducted during the past two years with more than 100 cars, run in excess of 350,000 miles, the carbon accumulation with the average oil in 2500 to 4000 miles was sufficient to increase the octane requirement of the engine an average of nine points—or sufficient to induce serious knocking.

With Triton motor oil, the carbon accumulation in the same cars was so little as to raise the engine's octane requirement less than two points in 450 miles—so little that the motor never reached the knocking point, according to the engineers. Those tests proved, it is claimed, that a new or clean motor run with Triton will always operate without knocking on any grade of gasoline that was satisfactory at the start. Reason for this, they explained, is that so little carbon is formed by Triton that combustion within the motor burns it off as fast as it develops.

SIGNS WILL PROTECT DEER ON HIGHWAYS

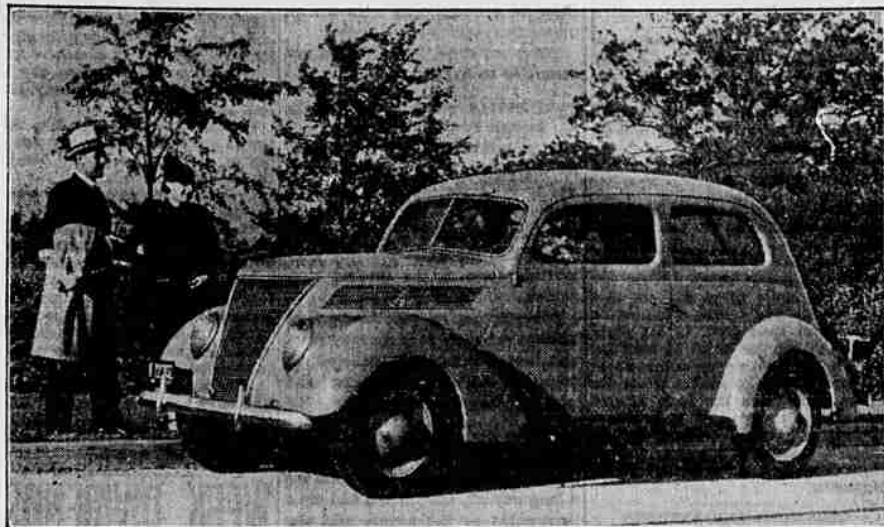
SALEM, Ore., Nov. 21.—(AP)—Oregon as a sportsman's paradise was given additional proof by the state highway department today.

Signs warning motorists of deer crossings were authorized for the Oregon Coast highway between Florence and Gardiner in Lane and Douglas counties.

The signs were deemed necessary because many deer have been killed by motorists at night while crossing the highway.

"Medford's Oldest and Finest" Daily's Auto Paints, 32 South Bartlett

1937 Ford V-8 Tudor Announced



MOST popular car in the entire Ford V-8 line for years has been the Tudor sedan. The 1937 edition is shown above. The smart new front end, new headlamps, V-type windshield and use of the "tear drop" form combine to give what those who previewed it declare to be the most beautiful Ford yet produced. The front seat is full width. Seat back is divided, either section tilting forward. Mechanical improvements include new easy action safety brakes and new "finger-tip" steering. The model above is available without de luxe appointments, with either 60 or 85 horsepower V-8 engine. De luxe types are equipped only with the more powerful engine.

SINGER VICTIM OF FIEND IN NIGHT

CHICAGO, Nov. 21.—(AP)—A fiendish intruder entered the home of Miss Anna Brasy, 38 year old church singer, today and after a criminal assault mutilated her with a pair of scissors.

At the hospital her condition was reported critical. Attendants said she suffered a possible skull fracture, in addition to the mutilation.

Miss Brasy said the man awakened her and holding a knife to her throat, threatened to kill her. He bound and gagged her she told the police, then attacked her and demanded money. She directed him to \$80 in a trunk. Not satisfied, she said, he beat her with a clothes hanger and mutilated her with the scissors.

Miss Brasy's screams after the attack fled awakened her brother and mother, asleep in other rooms.

PEIPING, Nov. 21.—(AP)—Discovery of two skulls, believed to be those of pre-historic men, was announced today by research workers attached to the Peiping Union Medical college.

STUDEBAKER ENTERTAINS.



Pretty Irene Vermillion and the five Dart "sisters" pose with a 1937 Studebaker President. Irene is known as one of show business' most versatile dancers, and the Dart girls are noted for the "blends" they produce with their five trumpets. They appeared recently in a show for Studebaker veteran employees.

NEW OLDSMOBILE NOW ON DISPLAY

Two entirely new Oldsmobiles for 1937, each distinctively different and original in body styling, and offering many important advancements in mechanical design, are being given their first public showing by Oldsmobile dealers throughout the country.

Announcement of the new cars—the Oldsmobile, which is now on display at the J. J. Osenbrugg showrooms, and the Oldsmobile eight—culminates the buslets development period in the four decades of Oldsmobile progress, according to Mr. Osenbrugg.

The cars are longer, lower, roomier and more comfortable than those which made Oldsmobile sales history in 1934. The motors provide greater reserves of power with lower engine speeds, with corresponding improvements in both performance and operating economy. The Six now develops 95 horsepower, against 90 horsepower in the 1936 model; while the Eight develops 110 horsepower, an increase of 10 horsepower over the previous Eight. Wheelbases of the Six and Eight have been increased respectively to 117 inches and 124 inches.

The two cars are entirely different in appearance, each having a character and individuality of its own. In the Six is found an entirely new

interpretation of radiator grille design. The new treatment employs eight die-cast horizontal grille louvers, deeply recessed and plated in chrome. Hood louvers are of a triple horizontal bar design which harmonizes with the radiator grille. Headlamps are gracefully streamlined.

Equally definite individuality has been designed into the front end of the Oldsmobile Eight. On this series, the engineers have employed a die-cast grille of square mesh design, plated in chrome and outlined by a chrome trim moulding.

Deeply valenced front and rear fenders, massive chrome plated bumpers and bumper guards, running boards covered with heavily ribbed moulded rubber, and steel wheels with massive discs of polished chrome, add further distinction to the smoothly contoured all-steel bodies of both Six and Eight.

Despite the increased power of the 1937 engines, an appreciable improvement in fuel economy has been achieved, largely through lowered engine speeds and improvements in the carburetion and manifold systems. In the new engines, automatic control is exercised over the operation of the choke, the spark advance, idling speed, engine temperature and the fuel mixture.

Safety glass is standard throughout. All models are equipped with the Fisher no-draft ventilation system.

Upholstery is of the luxurious pillow type usually found only in custom bodies and fine furniture.

An improved Oldsmobile design of center control steering is employed on both cars, as are two-way shock absorbers, front and rear. Dual ride stabilizers, one in the front and the other in the rear, are included in the 1937 Oldsmobile features.

Many other mechanical improvements contribute to the excellence of the new Oldsmobiles. Among them are sturdier rear axle construction, larger wheel bearings both front and rear, improved valve design and a new type of spiral-woven clutch facing which engages more smoothly and has a greatly increased factor of durability.

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Be Correctly Covered in an ARTIST MODEL for \$5.00, \$125, \$10.00, \$12.75. ETHELWYN B. HOFFMANN.

1936 GREAT YEAR IN TIRE BUSINESS

The current year will rank as the greatest tire year since 1930, C. C. Furnas, Goodyear dealer here at Main and Riverside, predicted today.

Production for the year will be approximately 82,000,000 units, the largest output in five years, with sales probably exceeding this figure by a slight margin, he said.

"The return of normal business conditions, reflected in increased buying power generally, has resulted in a great upturn in the automobile industry, with an even greater upward surge in the tire world," Mr. Furnas explained. "Great numbers of people have been able to buy new cars, and even greater numbers, not quite so affluent, have at least been able to replace worn tires on their present vehicles with new ones. The tire industry has felt the demand from both sources."

"By the end of the year probably 22,000,000 tires will have been ordered as original equipment by automobile and farm equipment manufacturers. Motor vehicles already in operation require another 29,000,000 and 1,300,000 tires are being exported."

The number of tires being bought for vehicles already in operation is a healthy indication, he pointed out, inasmuch as even old tires retired from active use is one less potential accident source on the country's highways.

"We here on the firing line are very conscious of this replacement program being undertaken by car owners, a program that is reflected day after day in the increased new tire sales on our books. To us it is an indication that car owners are becoming increasingly aware of the importance of tires from the safety standpoint. They realize that worn tires are the ones that blow out, and have no grip on the road for quick stops; further they realize that the continued use of such tires is a bad gamble when the lives of their families are at stake."

Joe Daly of Walter W. Abbey, Inc., announces that his firm has been appointed local dealer for Allis-Chalmers tractors and Hardie spray equipment. Mr. Abbey, who is on an extensive business and pleasure trip in the east, will visit the Allis-Chalmers and Hardie factories.

Mr. and Mrs. B. L. Sanderson are leaving Wednesday for Portland where they will visit with their son Jack, who is attending school there, and also visit the Portland auto show. They will drive back a 1937 Studebaker President sedan for Mrs. Clara Palmer of Ashland. It is Mrs. Palmer's twelfth Studebaker. As it will be the first 1937 President to arrive here it will be placed on display at the Sanderson garage for a few days.

Auto Briefs

"Some of the things I saw at Dearborn make me think more of Henry Ford than ever," says C. E. (Pop) Gates, veteran Ford dealer, who with Mrs. Gates, returned this week from a Ford factory meeting attended by 9,000 dealers from all over the country.

"One sight I'll never forget," Mr. Gates continued, "was the 225 little girls going home from school in Henry Ford's amazing project, Greenfield Village. We asked the guide, 'Whose little girls are those?' He answered, 'Henry Ford's,' and explained that they were orphans of ex-Ford employees he is educating and taking care of until they finish high school. Our next question was, 'Is he partial to girls?' and the answer, 'No, there are also over 900 boys.' 'After they finish high school the boys are paid \$50 an hour while they take a three to six month course in the Ford factory. When they finish this course they are immediately given a job at \$5.00 a day. Then they are trained for department heads and specialists.'

"Another thing that impressed us was the many women from 18 to 70 years old, working in the Ford factory. They were all dressed very nice, sat in comfortable chairs and worked at light jobs. They are the widows and daughters of former Ford employees. They are paid \$5.00 a day."

Floor Mats and Carpets

Made To Order Hohlweg's Top Shop 5th & Bartlett Phone 687

Sittin' Pretty in a Dodge



Even a Dachshund can sit comfortably in the roomy tonneau of the big new 1937 Dodge, as Leipchen, the Dachshund, illustrates for Miss Grace Richards. Note the comfortable "chair height" seats and the level floor, made possible by the new Hypoid rear axle which features the 1937 Dodge. The dog is owned by Miss Charlotte Woodrow of Everett, Washington. Dodges this year are wider, providing comfortable room for six passengers, points out D. L. Beck, Dodge regional manager.

J. J. Osenbrugg, local Oldsmobile dealer in Portland on business. Before leaving he said he expected to bring back a 1937 Oldsmobile 8 to display here.

H. F. Lange reports his firm will unload a large shipment of Chryslers and Plymouths tomorrow. He says although they have received a large number of new models they are still unable to fill orders fast enough.

The Mail Tribune wants ads.

AAA FROWNS ON PARKING METERS

DETROIT, Mich., Nov. 21.—(AP)—The American Automobile association adopted resolutions today opposing federal special taxes on motor vehicles and disapproving of parking meters as an "illegal and burdensome" means of raising revenue.

"Special motor vehicle taxes should be levied only by the state," said one resolution in a legislative program termed a "bill of rights" for motorists. "No such taxes should be levied by the federal government."

The resolution advocated multiple-lane or divided highways and opposed toll super-highways and "wholesale illumination" of long stretches of roads.

They demanded that the federal government discontinue use of the initials "AAA" to designate a government agency.

The convention closed today.

Fire Hakes Angers ANGELES, France, Nov. 21.—(AP)—Fire which ravaged part of Angers was brought under control tonight after doing damage estimated at \$2,500,000.

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