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Declares Transmission Development Is The Key To Super-Performance

As soon as motorists realize that the term "performance" includes not only speed and acceleration but also economy, smoothness, quietness and long life, the complex problems of automotive engineering will be fully appreciated, according to N. P. Hadley, experimental engineer of the Chrysler corporation.

"There is a marked trend in engineering circles to place the emphasis on economy and smoothness, not at the expense of speed or acceleration, but in addition to these 'new' said Mr. Hadley. "And by economy, we mean fuel and oil saving and long engine life. This together with smoothness were the reasons why the multi-range four-speed transmission and gear shift was designed by Chrysler engineers for the Imperial, '71' and '70' models.

It is generally conceded that doubling the speed of any car without shifting gears results in four times as many destructive forces to the engine. Destructive forces are the pressures that cause wear exerted on moving parts such as pistons, connecting rods, valves, etc. A saving of 600 revolutions a minute in engine speed often cuts destructive forces in half, and viscosity increases engine life.

"Transmission in motor cars regulate the relation or ratio of engine speed to car speed. Chrysler four-speed transmissions provide a relatively slow engine speed for high car speed due to the fourth gear which means quieter and smoother operation and longer engine life. The roar of this engine is absent in fast driving, and owners are often surprised at the high speed registered on the speedometer, because of the quiet engine.

In the Chrysler transmission, the third gear is for noiseless acceleration, and the fourth or higher gear for smoothness and economy.

"Actually, there is approximately only 10 to 15 miles an hour difference in the top speed available with these two gears, 65 miles an hour or better in the third gear, and 80 in the fourth. The difference in smoothness and quietness in fourth speed that the driver recognizes as similar to the

Chevrolets Are Used On Pikes Peak Road Work

COLORADO SPRINGS, Col., June 21—A concrete example of the tremendous strides made by automotive engineers toward the goal of mechanical perfection in the modern motor car is provided here daily on the Pikes Peak highway.

A few years ago, a car that would scale the Peak was a front-page feature throughout the country, while today, thanks to the automotive engineer, a car's ability to perform ably and satisfactorily in the thin rarified air and on the long steep ascents of the Peak is taken more or less for granted.

Despite a greatly improved highway up the Peak, the long continuous climb and the light air pressure in the high altitudes, which used to mean a boiling radiator and an engine too hot to make the grade, provide one of the severest tests in America of the mechanical condition of a car.

Even more outstanding than the performance of these tourist automobiles which make a single trip up the steep incline is the record of a fleet of trucks used to maintain the highway in constant repair. The fleet now in such service includes three Chevrolet sixes which see almost daily use up in the region above the cloud-levels.

Recently the fleet has been used to haul away huge mountains of snow to prepare the highway for the summer tourist travel. The route was expected to be opened early in June. With the snow cleared away, the fleet will continue in daily service doing maintenance and repair work on the highway.

"The Chevrolets used in this work have been in operation for more than a year. That the cars are operating today with the same degree of economy and dependability as a year ago is a fitting tribute to the achievements to those engineers who work quietly behind the scenes in the interest of improved performance at lower cost.

Makes Slow Landing



Ruth Nichols floated an airplane with a dead motor to earth more slowly than a parachute jumper who leaped from her plane at an altitude of 3,000 feet at Roosevelt field, N. Y.

OFFICE CAT

By Junius

When first they run around with boys
Some girls act stiff and formal;
They seem to yield a good-night kiss
While other girls act normal.
—Akron, Ohio, Beacon-Journal

When the world laughs at you
Just laugh back. It's just as funny as you are.

"That will be enough out of you," said the milkmaid as she moved on to the next cow.

"Wish you were here," postcards are enjoying their extent of popularity.

Man (at resort hotel)—Why I liked that hotel was the way they treated the livestock. Why, they treated the poultry better than they did the guests.

Hotel Manager—How's that?
Man—Well, they don't pluck the poultry while they're still alive.

Keep in a good humor until ten o'clock and you'll still have the balance of the day in which to be grouchy.

Teacher (looking over Teddy's home work)—I don't see how it's possible for a single person to make so many mistakes.
Teddy (proudly)—It isn't a single person, teacher. Father helped me.

Be it ever so crowded there's always room for another rumor on Main street.

Another good thing about playing the ukulele is that you don't have to be in tune.

Pagant Queen



Mrs. F. E. Gregory of Richmond is queen of the historic Adventures Day festival in the capital of the Old Dominion.

Tilden's Racquet Tops Toscanini's Baton at Vienna

By Robert M. Berry
(Associated Press Correspondent)

VIENNA (AP)—Ticket speculators here ranked recent big attractions in this order:
England's soccer team.
"Big Bill" Tilden's tennis play.
Arrigo Toscanini's music.
All available tickets for the three events—the Austrian tennis championships, the concerto given by the New York Philharmonic Symphony orchestra and the international football match between England and Austria—were acquired by the speculators.

They even at times paid a double premium for the postcards so as to insure a corner in the market. The opening price to the public was four times the face value of the tickets.

One of the leading speculators said he made a rich haul on the Tilden tennis. The grounds accommodated only a limited number of spectators. Most of the capital's

worthy people decided to see the American champion in action and readily paid five and even six times the par value for tickets.

For the Toscanini concert the opera house afforded more than 2,000 seats. The tickets were snapped up from the box-offices, but the public refused to be hindered beyond 100 per cent above the original costs and at the last minute the speculators had to let some of their tickets go at sacrifice prices.

The football match, however, put the speculators again in good spirits, for in hundreds of cases they got ten times the original value for tickets and they could have disposed of many more than were available.

Abjures Monroe Doctrine

MEXICO CITY (AP)—The Monroe Doctrine should be substituted by a "real and just" pact binding the Americans on equal terms, El Universal says editorially. The newspaper adds that the Spanish-American peoples resent the "protection" of the United States.

EXPOSITION UNDER WAY IN LEIPZIG

Fur's Career From Animal to Coat Illustrated in German Show.

LEIPZIG, Ger. (AP)—Modern fur styles may be governed by restrictive conditions.

Some tribal war in far-off Turkistan today may affect fur fashions in Paris tomorrow.

The fur market is now world wide in scope and interest. A Russian conservation program or a French tariff may have a sharp effect on fur values and the popularity of certain skins.

To most women a fox is a fur scarf, but to trappers and breeders it is a means of livelihood. Government conservation agents have figures to show he is a national resource.

Sportsmen admire the fox as a wild game deserving protection, while poultrymen despise him as vermin to be exterminated.

Most other fur-bearing animals have equally diverse values to the world of sport and the international fur industry.

There is interest here brought together for the first time this summer at the international fur and hunting exposition here from May 21 to September 30. Sportsmen, hunters, trappers, fur dealers and government bureaus are sending displays.

Potential evening wraps are displayed by live ermine and Russian sable, while models will show the fashion products in fashion revues. Exhibits of methods and weapons of the hunt in ancient and modern times and methods of manufacture will show the progress of the fur from animal to wearer.

Fur from Greenland perhaps will lift an astonished whisker on being introduced to seals from Uruguay quartered in an adjoining pool. Peruvian chinchillas will glance shyly at oriental leopard. Meanwhile the woman visitor will be inspecting their coats with view to her own future needs.

Sport Slants

by ALAN J. GOULD

Before there is the chance of fulfillment for Dr. E. C. (Phog) Allen's prediction that basketball in a few years will be played on courts twice the size of present surfaces, it will be necessary for a flock of small towns to build new "open houses" where the cage sport has been playing to packed galleries for so, these many winters. Ask the man who has been singled by contact with one of the old fashioned coal stoves that constituted a menace to sideline seriousness.

McDaniel Head of Wallowa G. O. P.

WALLOWA, June 21—At a meeting of the Wallowa county republican central committee, attended by about 15 precinct committee men from Wallowa, Enterprise, Lostine and Joseph at Enterprise, C. T. McDaniel was elected chairman and L. F. Allen named secretary-treasurer. F. H. Gauke, of Joseph, was appointed state committee man and R. J. Campbell, of Enterprise, will serve as congressional representative.

Those from Wallowa attending the meeting were L. F. Allen, precinct one; C. T. McDaniel, precinct two; and Ernest P. Johnson of precinct three.

Italian Army Thinks Bikes Useful in War

PABMA, Italy (AP)—That the bicycle, even in this motorized age, may well have its uses in wartime is the opinion of Gen. Gazzera, Italian minister of war.

Two hundred officers taking courses in the higher infantry school here, together with seventy cadets from the army academy at Modena, were sent on a biking tour all over the surrounding countryside.

The speed, silence and economy with which a bicycle patrol can carry out a reconnaissance, particularly over country where the roads are little better than footpaths, has impressed the military authorities.

WANKING (AP)—Approximately 500 Chinese students are enrolled in European universities says the ministry of education.

TRIPOLI, North Africa (AP)—Sponge fishermen on this coast are in the midst of their big season lasting from April to October. They find one-fifth of the world supply, running up to \$5,000,000 annually.

Alfa Grass Pulp Is Gaining Place In Paper Market

CASABLANCA, Morocco (AP)—Alfa, a coarse grass once scorned here, has become the pride of France's colony in Morocco and may bid for the world's market in paper pulp when the forests of the north have been depleted.

It yields a good grade of newspaper. It is known also as "esparto grass" and Spain has long used it for making cordage, baskets and sandals.

Before the war some of the Moroccan alfa was taken by British manufacturers who shipped it to England, made it into paper and then sold their product in France at a good profit. Lately, however, the colonial government has taken steps for its distribution direct to French pulp mills.

Thousands of tons are now sent each month to Avignon, France, where two large pulp mills are in operation and another is under construction.

The young sultan of Morocco, Sidi Mohammed the Third, has shown a deep interest in this effort, believing that alfa is destined to become the chief export of his domain.

Paper being one of the few commodities which has not suffered from over-production, the demand for alfa is still high on the supply. But production is being increased and as the grass requires little care after planting, its cultivation is well fitted to the temperament of the native farm workers.

Modern Eskimo Maids Have All Flapper Wiles

SEATTLE (AP)—A beauty expert visiting Alaska would find it hard to distinguish between the Eskimo flapper and her sister in the states today.

Those who visualize the Eskimo maiden as a fat-nosed, swarthy, high cheek-boned miss who chews blubber would be surprised should they go to Alaska, says Jonathan H. Wagner, chief of the Alaska division of the United States education office.

The pure blood Eskimo will be extinct in another 20 years, predict scientists who recently visited the far north, but that is nothing to worry about, says Wagner, whose headquarters are here.

The beauty that prevails among Eskimo girls is in no danger of vanishing, for the native population is increasing rather than dying out, he declares.

Accurate figures on the Eskimo population are difficult to obtain because of the assimilating process that is underway, but without regard to racial stock the number is growing from 2 to 3 per cent yearly, Wagner states.

Records kept by school teachers show that in every section of Alaska births exceeded deaths among the Eskimos last year.

President Of W. P. Gratified At I. C. C. Order

SAN FRANCISCO, June 21 (AP)—When informed of the interstate commerce commission's decision Friday granting permission to the Great Northern and Western Pacific railroads to construct a connecting line from Kluath Falls, Ore., to Reddie, 771, President H. M. Adams of the Western Pacific expressed gratification, he said.

"We have so far only press reports as to the decision of the interstate commerce commission, so I can not make a formal statement. Naturally, we are very much pleased over the decision, since we believe this marks the beginning of a new era for California and the Western Pacific.

"We assume that in accordance with the usual procedure of the interstate commerce commission the permit will not take effect for thirty days. We are prepared to proceed immediately with the acquisition of rights of way and the construction of the line as soon as the permit becomes effective. We ought to be at this work the latter part of July."

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Charles Dewey, American financial adviser to the Polish government, was robbed by bandits who held up motor car in which he was riding near Bucharest, Rumania.

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