

### SPECIAL TYPE OF PISTON RING FOR CHRYSLER CARS

Perfect lubrication, which increases engine life, reduces maintenance costs, and adds to operating efficiency has been developed by Chrysler engineers in the "65," "75" and Chrysler Imperial cars, after intensive study and research.

Among the most important factors that determine the extent to which engine lubrication is efficient is the action of the oil in the cylinders. The engineers discovered that a special type of piston ring is required to insure against the loss of power, and at the same time keep the oil in circulation in the cylinders. After experiments of more than two years, the "longue and groove" ring, used exclusively in Chrysler engines, was developed. This ring, while allowing the free passage of oil over the walls of the cylinders, also seals the cylinders effectively, making loss of compression impossible.

It also has an advantage over the old type of square-sectioned ring by preventing the accumulation of carbon in the piston grooves behind the rings. In addition, it lessens the amount of "blow by" gases that escape from the combustion chamber into the crankcase through the piston rings. The Chrysler ring decreases the "blow by" more than 40 per cent, according to their claims.

Faulty piston rings often are responsible for allowing water from the combustion chamber, gases and acids to seep through to the crankcase where they dilute the oil and corrode or rust connecting rods and other important interior parts of the engine. For every gallon of fuel consumed, approximately seven pounds of water is left in the chamber to pass through the exhaust. A striking example is found in zeppelins that often carry as much as ten tons of gasoline and use condensers on the exhaust lines for collecting this waste water. The loss of weight from the use of fuel in the tanks is compensated for by this water—otherwise, the lack of weight would cause the ship to rise to an unmanageable height.

In the big Chrysler laboratories at Detroit the engineers have guided their lubrication observations by the microscope, a novel type of machine that makes it possible to examine the action of the oil while the engine is operating at various speeds.

In all Chrysler models, oil and gas vapors accumulating in the crankcase are carried to an outlet pipe connected with the carburetor. There they are burned, thus promoting economy of operation and additional power.

### INCREASED BUSINESS OF SOUTHERN OREGON GAS CORPORATION

Before purchasing the properties of the former gas company, the present owner, the Southern Oregon Gas Corporation, made a comprehensive survey of the trend of population, and investigated carefully both present and future resources of Medford and the other cities in southern Oregon comprising the gas system. Notwithstanding the fact that these properties had been operated for many years at an actual loss and the fact that the purchase of the properties also involved tremendous outlays for rehabilitation, extensions, etc., their preliminary surveys convinced the purchasers that Medford and southern Oregon were to enjoy a steady and healthy growth, and the residents of these communities were sufficiently progressive to offer a tremendous field for development.

"The initial announcement of a radical change of policy on the part of the new company was first received with a measure of skepticism," says Manager Dasey. "We announced a substantial rate reduction, promised the best quality of gas, and the highest type of service."

"A brief resume of our progress brings out some rather interesting facts: The volume of gas sales in June, 1929, showed an increase of 42 per cent over the corresponding month of the previous year, although the actual revenue from the total volume of business indicates a reduction of 18 per cent in our average rates, and an increase in our revenues of only 14 per cent."

"We are, however, building a foundation for the future upon the strong triangular foundation of quality of product, lower rates to consumers and efficiency of service."

### Phoenix to Play Glendale Sunday

The Phoenix baseball team plays Glendale at the fairgrounds, near Medford, Sunday afternoon, July 28. Both teams are good and the fans are promised real sport.

Marvin Montgomery will be in the box for the Phoenix team and will probably be assisted by "Shon."

**KOENIGSBACH, Germany** (AP)—Despite Germany's northern climate there is a lemon tree in a park here which bears fruit each year, sometimes as much as 100 pounds. On an island in Lake Constance are a number of banana plants which in warm summers give ripe fruit.

### "The Man I Love," at Hunt's Craterian



Mary Brian, Richard Arlen and Bacalova in "The Man I Love"

The public will hear the singing voice of Mary Brian in "Celia," a song especially written for her, which is one of the features of "The Man I Love"—opening today at Hunt's Craterian.

Richard Arlen is starred with Miss Brian in this story of heart throbs and romance. A boy and girl leave their home town and go to New York. They arrive with high ambitions, but find only disappointment.

Bacalova, cast as the society woman and ston, turns the boy away—there is a parting—then a reconciliation and finally there is happiness again.

In supporting roles are Harry Green, Jack Oakie, Leslie Fenton and Pat O'Malley.

### RADIO BIG AID MUSIC STUDENTS

"At last radio has become a musical instrument and those people who have long awaited the day when they could enjoy the work of our great artists without going to the musical centers, are now realizing their dream," says Clayton Isaacs, of Palmer Music House.

"The radio program of today is in reality a parade of the world's greatest talent and it is being brought into the modern home with such true natural tones that it is almost unbelievable. This is true to the degree that many weekly parties are arranged to listen to the Hollywood howl concerts which are being broadcast at this time and considered one of the musical treats of the season."

Mr. Isaacs further states: "A very material part of the increasing demand for musical instruments, sheet music and records can be directly traced to radio. Careful check has been kept by our firm and it is found that when a Victor record artist takes part in a broadcasting program the numbers used by the artist become popular. Music students want the sheet music so he or she can attempt to acquire the style used by the proven artist and to help them further with their work they use records. This service being rendered by radio to the cause of music should not be overlooked."

### MOTHERHOOD TABOO WHEN GIRLS VOTE

**SAN FRANCISCO**—(AP)—Of 152 girls who will receive diplomas from the Girls' High school here, not one gave home and motherhood as the desire for the future.

A vote revealed they wanted to be actresses, musicians, business women, or, thinking of Helen Wills tennis players.

Several yearned to become aviators of note, while one definitely stated she wished to be a second Greta Garbo. Business careers attracted 19.

### Coming Attractions

**To the Rialto**  
If you've never heard of Alaska Jack, you've never heard of Jack London, and if you've never heard of Jack London, don't bother to read the rest of this article. But if you like your Jack London and his famous character, Alaska Jack, you will be more than thrilled to know that Alaska Jack, the real Alaska Jack of London's wonderful tales, plays an important role in "Smoke Belows," which will be the feature attraction at the Rialto theatre for three days, commencing Monday.

Conway Tearle, one of the present most popular players, plays the role of Alaska Jack in his stirring Alaskan adventures. Barbara Bedford, a highly talented young beauty, plays opposite him. "The east, in fact, is replete with scenes of love and excitement. Among them are J. P. Lockney, Mark Hamilton, Al Esher, William Scott, and, of course, Alaska Jack.

**To Hunt's Craterian**  
Dolores Costello's first picture to arrive here since her marriage to American business man John Barrymore, is "The Glad Rag Doll," opening Wednesday at Hunt's Craterian theatre.

It is an all-talky with Miss Costello as a show girl who accepts her rich fiancé's invitation to visit his family, thereby stirring up excitement in a conservative home. "Glad Rag Doll," a song "plugged" by both Ted Lewis and Sophie Tucker, serves as theme-song to the comedy romance. Ralph Graves plays opposite Dolores.

Others in the cast are Claude Gillingwater, Albert Gray, Audrey Ferris and Stanley Taylor.

Medford is the county seat and metropolis of the Rogue River valley and gateway to Crater Lake.

### "Veiled Woman" at Rialto Today

For those who like drama in their screen entertainment, "The Veiled Woman," at the Rialto theatre today, is cordially recommended. It is a remarkably interesting story, well told and with the atmosphere of Paris, where the story is laid, excellently created and maintained.

The production also is remarkable for bringing to the screen two young players who are real "finds." The leading woman, Lia Tora, is a Brazilian of great beauty and grace, and with dramatic ability that compares favorably with many of the leading actresses of the screen. The leading man is Paul Vincent, a young Hungarian actor who probably will cause the hearts of women fans to flutter quite a little. Aside from his good looks he is a finished actor.

### CLARA BOW TO WED STAGE STAR



Clara Bow, moving picture star, and Harry Richman, Broadway musical comedy star and night club entertainer, have announced their engagement. They will marry in the near future.

### JUVENILE COURTS FAIL OF PURPOSE SURVEY REVEALS

Nine-tenths of the juvenile courts in America today are failing, while in the meantime we call crime conferences and enact rigorous legislation for the punishment of the adult offender, paying enormous taxes for his upkeep behind the bars. We are hacking at the upper branches of the problem without touching its roots.

Only 10 per cent of the children's courts—and those all in larger cities—are doing their work effectively, a survey shows. The 90 per cent are failures for two principal reasons. First, they are in the hands of old school judges who inflict punishment without trying to get at the base of the young culprit's delinquency. Second, they are mere skeletons courts, set up to comply with the law, understaffed and staffed by workers lacking in knowledge of child welfare work, and these untrained workers are usually political appointees, as secure in their jobs as they are ineffective.

Efficient Child Court Is Tax Saver  
Women's clubs and other social service bodies throughout the country should try to remedy these conditions by investigating their own juvenile court systems to determine to what extent these evils exist and arousing public opinion to overcome them.

To prove that an efficient juvenile court system is an important tax saving factor as well as a moral influence, consider the record of the Cincinnati court under Judge Charles W. Hoffman, one of the nation's leading juvenile authorities. Of 1,200 boys now in the Ohio state industrial school only twelve came from Cincinnati or Hamilton county; the records show. The county also has fewer inmates in reformatories or penitentiaries in proportion to its population than any of the 36 Ohio counties. The employment of expert workers, judges, physicians, psychologists and investigators has paid for itself many times both in children guided into useful lives, who become industrial assets, and in the saving effected by reducing the number of those who must be supported by taxpayers in reformatories and jails.

Can Be Remedied  
Women's organizations can do everything to remedy these conditions throughout the country if they will. First, they should determine if the judge is a real juvenile court judge, employing every available means to assist children and turn them from wrongdoing—or, if he still follows the old principle of punishment, treating them like adult criminals. Next, they should determine if the probation officers are trained workers or merely political appointees, a part of a political machine. Again, they should check up the court's facilities for handling its cases. It needs the services of a doctor, a psychologist, a psychiatrist and trained investigators. In smaller cities these experts should be employed on a part time basis if necessary. But

without such a staff the juvenile court cannot fulfill its purpose.

Pheasants have been turned loose on the island both to increase the number of game birds and to aid in checking the havoc caused by insects. The United States agricultural experiment station here has asked hunters not to shoot any of the birds for three years.

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## It's Wonderful, Dear, I Thought It Was New!

Most of the girls at the bridge had on new dresses. Ethel's wasn't new, but it looked just as smart and fresh as any of the others... because it had been beautifully dry-cleaned. Even if you can't have as many new clothes as your friends—you can make just as good an appearance. Dry cleaning is the secret... and it is a real economy in the long run, because it makes clothes wear longer.

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