

High Temperature of Motor Demonstrated Summerizing of Tires Essential Says U. S. Chief



"Of course, an important part of 'Summerizing' is to be sure

that your car is equipped with tires ready to provide the extra stopping power and skid control required in heavy traffic, and the extra wear needed for long trips. Car owners can now provide both the extra stopping power and extra wear necessary for motoring peace of mind simply by equipping their cars with a new kind of safety tire recently introduced by United States Rubber Products, Inc.

"This tire, the U. S. Royal Master, has proved, by extensive road tests, that it will stop a car from 4 to 223 feet quicker."

Herald Ads Save You Money

Young Offenders Lead In Canadian Crime

TORONTO (U.P.)—Three out of every four persons convicted for major crimes in Canada in 1937 were under 30, and three out of four indictable offenses were committed by men and women between the ages of 16 and 30, according to federal police statistics.

Crime has cost Canada \$160,000,000 in the last five years. About \$36 is spent annually on the education of every school pupil. The criminal costs \$400.

Egerer for Council. Adv.

**DRIVE IN TO YOUR NEAREST
GENERAL PETROLEUM STATION
FOR "SUMMERIZING" SERVICES**

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CLIFF WATSON
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FRED HARDER
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C. H. WOODRICH
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Rd. (Highway 101), Lomita

Egerer for Council. Adv.

G. F. Olsen, Sr., veteran technician for marketers of Mobilgas and Mobiloil, plays blow torch flame on piston head to demonstrate before Summerizing plan committee that automobile motor creates heat greater than steel blast furnace, heat that would melt the metal were it not for the cooling and lubrication system. From left to right, the committee comprises: C. W. Ort, district manager, tire sales, for U. S. Tire

Dealers Mutual Corporation; C. H. Wartman, Southern division general manager for General Petroleum Corporation; **W. B. Curtis,** General's sales promotion manager; **Olson; W. D. Ellison,** General's division lubricants engineer; **C. A. Turney,** retail sales manager for the southern division, and **Fred C. Davies,** general sales manager for this division of the Mobilgas and Mobiloil marketing organization.

You are sitting within a few inches of enough heat to melt steel, while driving a car. You may be cool as a cucumber, but you are conveyed through space by a veritable blast furnace. This is the strange fact cited by H. W. Taylor, lubrication department manager for the western marketers of Mobiloil and Mobilgrease.

factors indefinitely, while constantly subjected to terrific heat and contamination.

That's why the wise, economical motorist has his crankcase drained and refilled every 1,000 miles, and all other vital places lubricated and inspected. It is such inspection service that is featured, free, by Mobiloil dealers, during the Summerizing period. To use such a service is true wisdom."

"Steel melts at 3,000 degrees," says Taylor, "but the combined temperatures created by the automobile are 1,300 to 1,600 degrees higher than this."

"You can't get near a steel blast furnace, nor can you look into it without colored glasses. But, so help me, it's true, you can drive a car and keep cool while it is creating the following temperatures: Combustion chambers, 3,500 to 3,800 degrees; crankcase, 200; main and connecting rod bearings, 250 and 300; rear gear housing, 300; transmission, 150.

"The logical question," continued the Mobiloil executive, "is: 'Why doesn't the car melt?' The answer is: The modern miracle of lubrication, plus air and water cooling, plus the fact that the combustion tempera-

INSPECTION IS A VITAL PART OF YOUR
PREPARATION FOR SUMMER DRIVING

Right Now We Offer The
12 FREE CAR INSPECTIONS
 Listed in the General Petroleum Advertisement

Give our expert service a trial during the present Summerizing campaign. Cars called for and delivered. Also washing and polishing.

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... who takes advantage of the 12 FREE INSPECTIONS offered by Mobilgas and Mobiloil dealers when cars are lubricated.

Protect your investment and your pocketbook by having your car properly lubricated and inspected NOW . . . while you get the FREE service . . . by the trained experts in one of the service stations displaying the sign of the Flying Red Horse.

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WHOLESALE AGENT GENERAL PETROLEUM CORPORATION

MOBILGAS . . . Largest Selling Gasoline in America.
MOBILOIL . . . Largest Selling Motor Oil in the World.
MOBILGREASE . . . Efficient Companion to World-Famous Mobiloil.

In the next 5,000 miles you drive

—your crankshaft will turn on its bearings 15,000,000 times. Lubricants will be subject to as high as 3,300 degrees of heat. The rear tires and axle will revolve 3,750,000 times. Each piston will travel over 116,000,000 feet. 60,000 cubic feet of dust and abrasive laden air will be drawn into the crankcase. Your fan belt will revolve 22,750,000 times—your spark plugs will fire 7,500,000 times. The speedometer cable will revolve 5,000,000 times.

This is only a small part of the punishment your car must take in 5,000 miles of hard summer driving. This protection is the complete Summer-izing service featured by General Petroleum dealers...

ing ahead. It is only a small part of the punishment your car has taken in 5,000 miles of winter driving. It is only good judgment to provide the very best protection against the gruelling punishment of hard summer driving.

GENERAL PETROLEUM CORPORATION

FREE
Summer-izing Services
Given by
General Petroleum Dealers:
(Get needed materials you order)
- please drained with

- ## General Penetration
- (except for needed materials you can find at your local hardware store)
1. Cooling system checked for scale and leaks. Hose and clamps inspected.
 2. Radiator drained and flushed.
 3. Fan belt checked and replaced if necessary.
 4. Thin winter lubricant removed from transmission and differential, universal cases flushed, universals checked and the correct summer grade of Mobil Lubricant supplied.
 5. Oil filter inspected and new cartridge installed if needed.
 6. Crankcase drained, flushed and filled with the correct summer grade of Mobiloil.
 7. Clean and service battery. Check cables and renew if necessary.
 8. Spark plugs inspected, cleaned and replaced if necessary.
 9. Lights inspected; lenses cleaned.
 10. Interior vacuum cleaned.
 11. Clean and polish all glass.
 12. Complete check of tires.
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Old or new, your car always will perform better with

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