

Mobil Summer-Proof Experts Here Declare War Against Car Gremlins

DEFEAT OF AUTO TROUBLE MAKERS NOW MADE EASY

War was declared this week on those mythical imps who damage automobiles. To repel an invasion which threatens the car of every thoughtless or forgetful motorist, Mobil men of this area have "taken up arms," as it were against an army of imaginary mischief-makers called the Gremlins. These Gremlins constitute the enemy of the Summer-proof campaign.

Gremlin machinery - wreckers have been dubbed the first legendary characters of the World War.

Motorists have now taken up the battle against the Gremlins.

"So it is," says W. C. Campbell, wholesale agent of General Petroleum Corp., "that our service station experts in announcing their Summer-proof car protection program have identified the Gremlins as the car destroyers they are organized to defeat.

"Grindy Gremlin, for instance, is the little fiend who specializes in grinding up and breaking gears and bearings. Drinky takes joy in drinking the battery dry. Sludgy goes about the job of creating harmful sludge in the crankcase oil. Squeaky just loves to create annoying car squeaks. Rusty delights in ruining radiators and motor cooling systems by creating rust and scale. Flatty is an expert at the job of making tires go flat. Waxy drinks up and wastes gasoline. Sparky specializes in wrecking spark plugs. Dusty concentrates in clogging air and oil filters with dust and grime. Scratchy scratches everything in sight. They all take orders from the commander-in-chief, named Major Trouble.

Fly in Gremlin Ointment
"But here's the big fly in the Gremlin's ointment. Legend has it that once a motorist drives into a Mobil station for Summer-proof service, Major Trouble calls his mischief makers off the job.

"That's why our Mobil men are again featuring oil change, gear lubricant change and lubrication as the 'three musts' of the Summer-proof car protection program. Many other essential things, such as radiator, tire

MOTOR ENEMIES

- Grindy
- Drinky
- Sludgy
- Squeaky
- Flatty
- Waxy
- Sparky
- Dusty
- Scratchy
- Rusty and
- Major Trouble

Drivers Warned Of New Threat To Motor Life

"Now that we must drive slowly to conserve tires, motorists face a new threat to the life of their motors, unless proper precautions are taken for their protection," asserts W. J. Fitzpatrick, supervisor of Mobilgas stations in this area.

"The new threat is dilution of the crankcase oil with raw gasoline and with moisture. Even during pre-war driving, it was necessary to carefully follow the plan of regular crankcase oil changes to prevent such dilution. Now, however, the tendency to oil dilution, resulting in possible harm to vital car parts, is more acute.

"This is because of shorter trips, lower speeds, and lower engine temperatures. In fact, the temperatures are not raised sufficiently to drive the moisture and raw gasoline off as vapor. Consequently they remain in the crankcase, causing premature oil dilution. This can be offset only by more frequent replacements of engine oil.

"The moisture referred to is one of the by-products of the combustion and gets into the crankcase by blowing by the piston rings. This condition occurs normally in any engine, but abnormally in an engine with worn or loose piston rings. The moisture, when mixed with the lubricating oils, forms harmful sludge. Hence, we recommend that, for safety, a motorist should change oil every thousand miles or at least every 60 days.

Construction Men From 18 to 50 May Enlist in Seabees

On Saturday, April 17, Lieut. Willis B. Hayes, Jr., Civil Engineer Corps, U.S.N.R., will be at the Navy Recruiting Station in the Federal bldg. at San Pedro, to interview men between 18 to 50 with construction experience for enlistment in the Seabees.

Men with the required experience may qualify for ratings as high as chief petty officer.

In order to qualify for an interview with Lieut. Hayes, it is necessary that applicant have in his possession three occupational letters of recommendation together with the Bureau of Yards and Docks form which can be obtained at the San Pedro Recruiting Station.

Auto Repair Men, Parts are Growing Scarcer

Lack of sufficient skilled mechanics is one of the serious war time conditions which stands as a threat to the combined operation of many automobiles.

"This is the substance of a statement by V. I. Powels, district manager for the marketers of Mobil petroleum and automotive products.

"Lack of skilled mechanics is really very serious," he said. "In one metropolitan area of the Pacific coast 1200 mechanics were working on automobiles a year ago. Now, only about 500 of them are still available for car repair work. This number is fast diminishing as more mechanics are recalled into war production or into service with our fighting forces.

Parts Also Scarce
"This shortage of skilled labor often spells long delays in get-

ting a car repaired. It means that if cars are neglected and parts fail, many motorists will wait for extended periods while waiting for the indefinite future time when their machines will be repaired and again ready for use.

"In addition to the shortage of skilled repair men, we motorists are faced with another serious situation. This is the fast diminishing stockpile of automotive parts. Even now it is difficult to find many of the parts needed for replacement without combing wrecking yards or having such parts specially made to order, when and if machine shops can do the work.

"I do not wish to be an alarmist. But it seems only right that motorists should be warned. By taking heed of such warn-

ings we will take better care of our machines.

Lubrication Vital

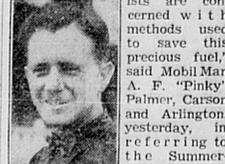
"Engineers tell us that cars will ordinarily last for many years without parts failures when they are lubricated properly and regularly, when we use the right grade and weight of oil and change it frequently, when we keep wheel bearings, properly packed, when we keep air and oil filters and cooling systems clean, when we keep various parts properly adjusted.

"That's why Mobil Men feature the semi-annual inspection and service period, called Summer-proofing, at this season of the year."

Some of the earliest glazes used by potters were colored glasses containing copper or iron.

Gas Saving Plans Briefly Explained

"Because everyone is interested in getting the most mileage from gasoline right now, motorists are concerned with methods used to save this precious fuel," said Mobil Man A. F. "Pinky" Palmer, Carson and Arlington, yesterday, in referring to the Summer-proof campaign to protect automobiles.



By properly adjusting spark plugs, or cleaning air filter, it has been proven that you can sometimes get as much as two more miles per gallon. Correct lubrication and the right weight

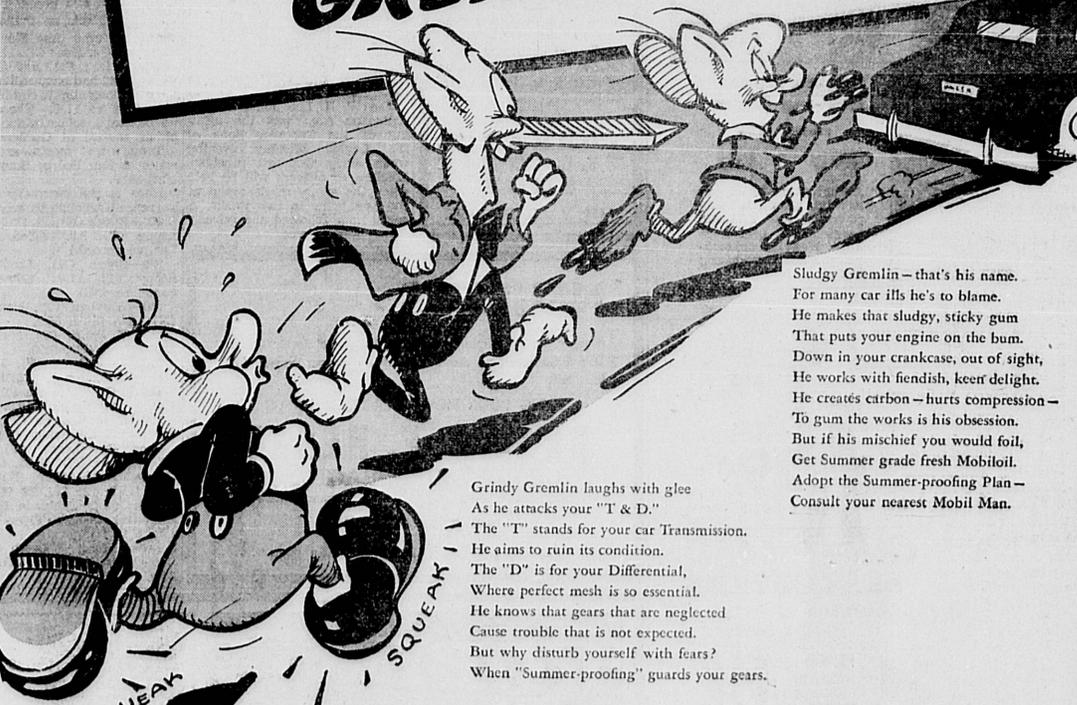
State Picnic-Reunions

TEXAS . . . All former Texans are invited to the spring picnic Sunday, April 18, in Sycamore Grove Park, Los Angeles.

Military and other war needs will consume nearly twice as great a proportion of United States food supplies this year as last year.

of engine oil also helps conserve mileage by reducing oil drag. Cleaning the cooling system also helps by bettering motor performance. You can also save mileage by having much of your car service work done at the convenient spot where you buy gasoline and oil. We have other hints to offer on this question of saving gas, and will gladly answer any questions on the subject."

Let your Mobilgas Dealer SUMMER-PROOF your car against GREMLINS

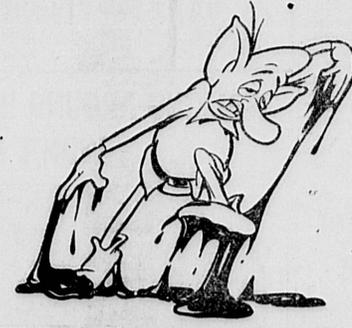


Sludgy Gremlin - that's his name. For many car ills he's to blame. He makes that sludgy, sticky gum That puts your engine on the bum. Down in your crankcase, out of sight, He works with fiendish, keen delight. He creates carbon - hurts compression - To gum the works is his obsession. But if his mischief you would foil, Get Summer grade fresh Mobiloil. Adopt the Summer-proofing Plan - Consult your nearest Mobil Man.

Grindy Gremlin laughs with glee As he attacks your "T & D." The "T" stands for your car Transmission. He aims to ruin its condition. The "D" is for your Differential, Where perfect mesh is so essential. He knows that gears that are neglected Cause trouble that is not expected. But why disturb yourself with fears? When "Summer-proofing" guards your gears.

Here's Squeaky Squeak, the Gremlin bird, Whose music you perhaps have heard. He puts canaries in your springs, And does a lot of nasty things. He promotes friction, speeds up wear By advocating lack of care. But Charted Mobilubrication Gives Squeaky Gremlin consternation. So why not give your car protection - It's time for Summer-proof inspection.

Keep the Gremlins Out of Your Car



Come in and Get Our Complete SUMMER-PROOF SPECIAL

<ol style="list-style-type: none"> 1. DRAIN, FLUSH and CHANGE OIL in crankcase. 2. MOBILUBRICATION with X-RAY CHART using correct lubricant for each point. 3. TRANSMISSION and DIFFERENTIAL SERVICE, using clean, fresh Mobilubricants of correct grades for summer. 4. CHECK IGNITION POINTS. 5. CLEAN ALL SPARK PLUGS. 6. TUNE UP MOTOR. 	<p style="font-size: 2em; font-weight: bold;">All for</p> <p style="font-size: 3em; font-weight: bold;">\$1 75</p> <p style="font-size: 0.8em;">Plus Cost of Oil, Lubricants and new parts (if required)</p>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

A. F. "PINKY" PALMER

CARSON AT ARLINGTON, TORRANCE PHONE 789

These 3 "MUSTS" for Protection are Due NOW

1. **Drain, flush and change oil.** Drain out old oil. Clean crankcase thoroughly before filling with the correct grade of Mobiloil for summer driving.
2. **Mobilubrication with X-Ray Chart.** The X-Ray chart shows correct lubricant for each point, enables your Mobil Man to lubricate your car expertly.
3. **Transmission and Differential Service.** Winter lubricants should be replaced now with clean, fresh Mobilubricants of correct grades for summer.

MOBIL OIL - MOBIL GAS

SOCONY-VACUUM