

SUMMERIZING PLAN FOR MOTORISTS ANNOUNCED



WINTER HAS "DONE THINGS" TO YOUR CAR And Summer Is Just Ahead. With Its Many Thousand Miles of Hard Usage.

Treat your car right, and protect yourself and your passengers. Surround yourself with the safeguards made possible by the 12 FREE CAR INSPECTIONS (Listed below) we now offer you in connection with each Lubrication job. Drive in today! Get your car ready for summer.

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; 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.

WE CALL FOR CARS AND DELIVER CARS PHONE LOMITA 431
OPEN 7 A. M.—CLOSE 1:30 A. M.

C. H. WOODRICH'S
INDEPENDENTLY OPERATED
GENERAL PETROLEUM STATION
1913 Redondo-Wilmington Rd. (Highway 101)
LOMITA

MANY INSPECTIONS OFFERED BY LOCAL MOBILGAS MEN TO ASSIST SUMMER MOTORISTS

"After its gruelling work during the Winter months, is your car ready for the punishment of Summer?" With this question uppermost in the minds of Mobilgas and Mobiloil dealers, they have again joined in a great Summerizing plan, including many free car inspections to assist motorists in preventing the troubles that might be experienced for lack of proper checkup.

"For the benefit of motorists in this area," says W. C. Campbell, Torrance, wholesale agent for General Petroleum Corporation, "our station operators and dealers who maintain Mobil Lubrication departments are offering twelve free inspections of vital automobile parts.

"These inspections are for the purpose of keeping automobiles healthy and insuring their peak performance, without mishaps, during the warm weather season ahead.

"Winter does things to cars, so we consider these inspections essential."

Ererer for Council. Adv.



W. C. CAMPBELL tests insure happy days

SEE US FOR Summer Safety "Summerizing" SPELLS JUST THAT

- MOBILGAS
 - U. S. TIRES
 - MOBILUBRICATION
 - U. S. BATTERIES
- Quick Careful SERVICE

F. L. BUKER & SON
GENERAL PETROLEUM STATION
24636 Narbonne Avenue
Phone Lomita 447
LOMITA

8,000 Gallons Of Air to One Of Gasoline

It takes 8,000 gallons of air to burn one gallon of Mobilgas in the modern car, according to A. H. De Fries, vice-president and director of sales of General Petroleum, who says that in 200 or 300 miles your motor has consumed enough air to fill a large business block. Engineers say that every cubic mile of this air contains one ton (2,000 pounds) of dust and grit.

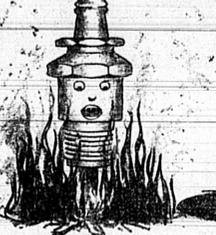
"In going 1,000 miles," says De Fries, "12,000 cubic feet of grit laden air is drawn through the motor oil.

So Help Me, It's True!

By E. F. (Woodie) Woodman

BURNS AT STAKE 167 HOURS AND LIVES

ABRASIVE FOR FIVE STACKS OF MATCH PACKETS, EACH 48 FEET HIGH



Grit enough to make scratchers for 11,500 match packets (five stacks, each 48 feet high) is collected in motor oil during 5,000 miles of use. The abrasive comes from 60,000 cubic feet of air drawn through the crankcase. That's why motorists are advised by automotive and lubrication engineers to drain the oil every 1000 miles, and flush the crankcase regularly.

Literally burned at the stake 167 hours! That's the torturing life of a spark plug in a motor going 5,000 miles. During this period the plugs of a 6-cylinder car set off 45 million cyclones of five 3,500 degrees HOT. "No wonder they should be inspected during Summerizing," say Mobilgas dealers.

LIKE A 100,000 lb. BLOW

MAGNET PULLS METAL FROM USED OIL



Steel, iron, brass, rabbit and silt particles in considerable volume are often found in transmission and differential oil after the terrific churning that occurs in these or four months' travel. They sometimes plug oil holes, prevent lubrication, and cause expensive repairs. You can actually pull some of this metal out with a magnet. Motorists are being warned to have gear cases flushed between seasons.

YOUR AUTO MAY MAKE TAFFY

A tough, sticky, gummy substance like road tar—called TAFFY by Mobil Lubrication experts—may be created in a hypoid-gear differential. It often happens when two kinds of lubricant are mixed therein. They may be perfect lubricants, but when mixed, their different characteristics set up a dangerous chemical reaction. This may cause burned out bearings and stripped gears.



Miraculous Is Torture Which Autos Endure

Miracles are performed every day within automobiles.

Startling information on the remarkable achievements of many vital parts of cars has just been issued by Marc D. Le, general sales manager for the western marketers of Mobilgas and Mobiloil, as reason for Summerizing-inspection.

"If you are statistically minded," he says, "it almost takes your breath away to contemplate the marvelous goings-on under the hoods and bodies of the cars now—so essential to our daily life."

Unbelievable Actions
It is explained by the Mobilgas executive that while you have driven your car 5,000 miles (average distance driven from winter to spring) the following actions have taken place:

Twenty-two million, seven hundred fifty thousand revolutions of the fan belt.

Five million revolutions of the speedometer cable.

Forty-five million fuel charges set off by the spark plugs. Cleaning of 1,666 gallons of lubricants by the oil filter. Fifteen million revolutions of the crankshaft, rear axle nuts and universals.

Seven and a half-million openings and closings of each valve. Three million, seven hundred fifty thousand revolutions of the rear axle, wheels and tires.

Temperatures Climb High
"Added to all this action," says Leh, "are the facts that during this 5,000 miles, temperatures in the combustion chambers have climbed as high as 3,500 degrees; motors have turned as high as 4,000 revolutions per minute; flame velocities past the exhaust stems reach 110 miles per hour; and valve stems work in temperatures in excess of 700 degrees.

One ceases to wonder why crankcases need to be drained, flushed and refilled every 1,000 miles.

"We see abundant reason for taking advantage of the free inspections offered by Mobilgas stations during the Summerizing period. Vital parts that take such punishment as above cited should be carefully safeguarded with lubricants created specifically for their protection during the warm season ahead."

High



G. F. O. keters of 3 torch flame fore Summer ble motor c furnace, heat not for the left to right Ort, district

HEAT CREAT

You ar melt steel, cumber, bu blast furna lor, lubrica keters of 3 grease.

"Steel mel says Taylor, temperature automobile degrees high

"You can blast furnace into it with But, so help can drive a while it is ing temper chambers, grees; crank connecting r 300; rear transmission

"The logi tinued the "is: Why de The answer miracle of and water c that the c

YOU CAN STOP 4 to 223 FEET QUICKER

PROVE IT YOURSELF IN ONE MINUTE



STOPS QUICKER

When brakes are applied, the "de-skidded" tread cuts off into action... hundreds of sharp gripping edges bite through the slippery surface film... enable the flexible tread units to solidify grip the pavement.

CONTROLS SIDE SKIDS

When the weight of the car suddenly shifts to the side, in turning corners, passing cars, etc., the sharp lateral edges of the seven continuous ribs go into action, instantly bite through the film and gain a direct positive foothold on the road.

HERE'S WHY YOU'RE SAFER WHEREVER YOU DRIVE...

OILED GRAVEL ROAD No. 11 DRY	OILED GRAVEL ROAD No. 11 WET	ASPHALT COMPOSITION ROAD No. 6 WET
4 FEET QUICKER	71 FEET QUICKER	46 FEET QUICKER
SLUSH ON HARD PAVEMENT No. 31	SMOOTH HIGH CROWN ROAD No. 26 WET	WET CLAY ON HARD PAVEMENT No. 15
75 FEET QUICKER	111 FEET QUICKER	223 FEET QUICKER

See for yourself how these great De-Skidded tires stop a car quicker on curves or straight-aways... uphill or down... on wet or dry pavement. Drop in! Try our amazing one-minute test. Learn about this new Skid Control.

The New U.S. ROYAL MASTER

Sold by

GENERAL PETROLEUM STATIONS AND LEADING DEALERS



Tune in BEN BERNIE EVERY WEDNESDAY EVENING 8:30 KNX Over Columbia Network

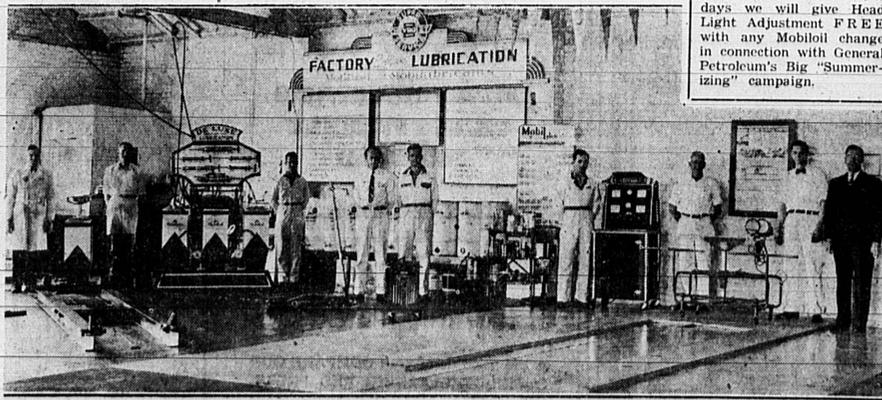
Plainly Speaking

WE WANT YOUR BUSINESS

We have the Men and the Equipment to Give COMPLETE SATISFACTION for ANY Job on ANY Car! TRY US!!

Ed Thompson
APPOINTED OFFICIAL STATE HEAD LIGHT ADJUSTING STATION

Shown directly below is our new-type Head Light Adjusting Machine, most accurate now in use anywhere. For the next 15 days we will give Head Light Adjustment FREE with any Mobiloil change in connection with General Petroleum's Big "Summerizing" campaign.



Fully equipped to handle all jobs on all makes of cars is Ed Thompson's repair and service division. Above is the 8-man staff and part of our modern shop. From left to right: Bill Thoma, Shop Foreman; Albert Wahl, Body and Fender man; Paul Morgan, Steam Cleaning, Washing and Polishing; Harvey Larsen, Parts Manager; Ernie Chelwell, and Lynn Comfort, Certified Chevrolet mechanics; Tom Hatfield, Mobil Lubrication Expert; Jess Biddle, Certified Mechanic and manager-owner Ed Thompson.

"SUMMERIZING SPECIAL"

For 30 days only Ed Thompson offers a book of tickets good for 6 Mobil Lubrications (Regular Price \$6) for only \$3! SAVE!

WE NEED USED CARS!

Now is the time to trade your old car for a new Chevrolet and get highest appraisal. Also Largest assortment of late model Used Cars in city... all with our Personal OK Guarantee.

All Repair Work Fully Guaranteed - Can Be Paid For On Our Budget Plan WE NOW HAVE A LICENSE TO DO WORK ON ALL DIESEL MOTORS!

ED THOMPSON "The Man Who Treats You Right"

1600 CABRILLO, Phone 592 • 24730 NARBONNE, Phone 66

A GRAND APRIL SPECIAL THAT SAVES YOU MONEY

During April we will flush transmission or differential (as with our sensational new "HI-K" hot-oil-flushing machine) FREE CHARGE! This machine thoroughly cleanses all interior parts, gears, and washes out all sludge, filings, etc. Regular price of this service: \$50.00; Transmission and Differential, 25c each. Come in! Let us "Summerize" your car the RIGHT way!

NOW IS THE TIME TO GET YOUR CAR

"SUMMERIZING"

with 12 FREE SERVICE

As Listed In G. P. Ad On This

FRED HARDE
INDEPENDENTLY OPERATED
GENERAL PETROLEUM STATION

Sartori at Post - Phone