

U. S. To Work on Scrap To Boost Rubber Supply

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ny persons who expect a price rise. A drive will bring out more, but not enough.

Important Question Raised

What can be made out of scrap rubber?

Nearly everything that can be made of fresh natural rubber. Exceptions are articles like surgical gloves, which have to be the purest of new rubber.

For years the public has been using many articles made of any-

where from 50 to nearly 100 per cent reclaimed rubber, and not realizing it.

How old can rubber be before it loses its stretch, life, strength and reclaim value?

Used tires and tubes are good for reclaim after five years, and probably much longer. The other articles now to be tried are unpredictable. Some few probably will be useful after years of service, others almost worthless.

In some respects reclaimed rubber is better than fresh rubber. It stands exposure to light and weather better, two tire requirements, but it can stand less abrasion, another tire requirement.

Processing—How Often?

How often can rubber be reprocessed before losing its last useful resiliency? Again no one knows, because we never have had to try.

The reclaim process starts with cutting a tire in two half doughnuts the tire head metal is then sliced. The tire is next chopped and cracked into bits and a magnet draws off any remaining scrap metal. Caustic soda softens the material and a digester dissolves the fabric out of the rubber.

Washing, straining, refining and finishing then produce a lump of reclaimed rubber.

For the household scrap the same general process can be used, but with complication due to mixtures of varying kinds and possibly for such things as removing the color.

The bureau of industrial conservation, Washington, has organized the 48 states. A further organization is planned in each town and city.

There are 100,000,000 oil wells in Texas producing a total of more than 1,500,000 barrels a day. Texas production exceeds the combined output of Soviet Russia and Venezuela, which rank second and third in production among the nations.

Martin, Ross Nominated At Pennsylvania Primary

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in years, with less than 30 per cent of the registered electorate participating, despite bitter personal campaigning among the Republicans.

Davis claimed that Martin, recently retired from combat duty because of age, "ran out" on the army to campaign while Martin hit at Davis' votes in the senate before Pearl harbor against various defense bills.

Martin had the major leaders in his camp including Governor Arthur H. James; Davis used as a target for criticism the endorsement of Martin by Joseph N. Pew, millionaire oil man, and Joseph R. Grundy, head of the Manufacturers' association.

Reds Smash Nazi Move To Retain Kharkov

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elsewhere.

"The red army is breaking the fierce resistance of the Hitlerite beasts and pushing them back to the west," Pravda reported.

"Meanwhile, our troops are carrying on intensive battles with superior enemy forces in the Kerch peninsula in the vicinity of Kerch.

"Even greater battles are ahead."

The Russians declared that the German offensive against Arctic Murmansk, port of entry for United States supplies to Russia, had been thwarted by the sinking of 95,115 tons of German shipping in the Barents sea during April.

Nazi losses in April and May were listed as 22 ships, including two destroyers. In addition a submarine and three transports were reported damaged.

Pravda likened the Russian stand at Kerch to the long American defense on Bataan peninsula in the Philippines.

Sixty-two Nazi tanks were reported destroyed in yesterday's day-light fighting and 27 more were left in fire-charred ruins as the battle raged into the night. The Soviet communiqué also listed 1,650 German officers and men killed and wounded in the latest hours of the struggle.

Nazis Try Counter-Blow British military quarters said a successful German counter-offensive, 80 miles below Kharkov, would be a serious threat to "a very tender spot" in the red army's drive on Kharkov, but the Russians indicated that so far they had lost no momentum.

The important factor, however, was the undisclosed size of the German counter thrust. Unless it were a full-scale offensive, the nazis could expect little more than to distract the Russians advancing on Kharkov or to out-flank a secondary Russian movement toward Lozovaya.

This secondary Russian thrust, in itself, is a drive to out-flank the German defenders of Kharkov.

Hitler's field headquarters acknowledged that Marshal Timo-

shenko's armies were pressing new attacks against the big steel city, but asserted they had been repulsed.

Kerch Triumph Claimed

Countering a Berlin claim that axis troops had crushed soviet resistance on Kerch peninsula, in the Crimea, a Russian communiqué declared:

"Battles continued in the vicinity of the city of Kerch."

The German high command last night reported that axis forces had overrun the coast of Kerch strait along its entire length, announced the capture of 149,256 prisoners, and said only remnants of three soviet armies had escaped across the strait to the Caucasus mainland.

London military quarters branded the Nazi claim as absurd, pointing out that it would mean Russian strength of about 250,000 troops on a 20-mile front.

"The extravagant German claims were obviously made to counter the impression made on the German civil population by Marshal Timoshenko's Kharkov offensive," these quarters said.

German dispatches to neutral Switzerland frankly expressed surprise at the unexpected Russian pressure against Kharkov and at the quantity of the red army's heavy new equipment, which includes United States-made tanks and planes.

The dispatches acknowledged German retreats and noted that the Russians were able to send "considerable masses of troops" into the conflict.

Air Raids Exchanged

While the two armies battled at peak fury, Britain's aerial "second front" offensive pounded heavily at the big German war foundries city of Mannheim and attacked the Nazi U-boat base at Saint Nazaire, France.

The British said "hundreds" of RAF bombers rained explosives on Mannheim, Europe's second biggest inland port, the site of major chemical, armament and engineering works. Fourteen planes, including two fighters, were acknowledged missing.

Vichy reported that wave after wave of planes also skirted north of the capital of unoccupied France during the night, flying toward northern Italy. Vichy anti-aircraft guns fired at a lone plane over the city.

German night raiders struck back with an attack on a town in northeast England, killing at least 12 persons and starting fires which left hundreds homeless.

Authoritative London quarters disclosed that the allied air commands are preparing to send 1,000 bombers a night against German targets in a gigantic campaign to support Russia and knock out Germany's war industries.

"A thousand planes is not a fantastic figure," these quarters declared. "At present we have the facilities for sending 800 planes on raids, and these can be expanded."

The high command at Rome announced the loss of an Italian submarine today, saying it had failed to return to its base.

Italian submarines are reported operating in the Atlantic as well as the Mediterranean. Where the vessel was lost was not announced.

The English police took a war prisoner today—a German flier who bailed out of his Messerschmitt when it was hit by anti-aircraft fire and fell at Beachy Head, Sussex.

Australia Awaiting Major Defense Test

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ma road. Palpably worried over the prospect of renewed air attacks on Japan, the Japanese were reported continuing their southward sweep in Chekiang province, on the China coast south of Shanghai.

Bases in Chekiang would be in close range for raids on Japan. Meanwhile, British headquarters announced that the RAF's offensive against Japanese forces in Burma "continues to increase in scale and frequency."

A communiqué said RAF warplanes yesterday twice bombed the Japanese airdrome at Akyah, Burma, destroying or damaging five Japanese navy planes on the ground.

Primary Vote Canvass Shows No Changes

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George M. Radich of Reedport who received the regular democratic nomination.

In cases of nomination by write-in votes, the person receiving the most votes is notified by the county clerk and is privileged to either accept or reject the nomination.

The final count shows the following totals for the principal candidates:

Republican U. S. Senator—Geary 527, Mo. Nary 2879.

Representative in Congress—Boehnke 571, Ellsworth 2302, Simon 440, Stalzer 111.

Governor—Snell 2270, Sprague 1220.

Secretary of State—Farrell 2957.

Commissioner of Labor—Kinsey 2546.

State Senator—Hubbard 1002.

Monger 398, Parkinson 1922. State Representative—Gile 2350, Hill 2463.

County Commissioner—Gallap 2344.

Assessor—Calkins 1133, Dixon 1827.

Justice of the Peace—Hartfield 994, Riddle 588, Webb 341.

Constable—Church 852, Lilburn 886.

Democrat U. S. Senator—Milne 510, Whitebeck 818.

Representative in Congress—Dover 609, Kelly 593, Warlick 274.

Governor—Fretwell 171, La-tourette 514, Wallace 711.

Secretary of State—Lambert 1210.

Commissioner of Labor—Hyde 1190.

State Representative—Radich 1154.

County Commissioner—Hutchinson 1263.

Assessor—Ellison 961, Leake 492.

Justice of the Peace—Needham 525.

Non Partisan Justice of Supreme Court, Pos. 2—Ashurst 856, Brand 4098.

Can't Stand Criticism

SANTA FE, N. M.—A man who had been living with his common law wife 15 years, and had seven children, appeared before the draft board.

New Mexico law does not recognize such a union, and the board chairman tactfully suggested a wedding might be in order.

"I've been thinking about that," admitted the registrant, "but I didn't want anyone to think I got married just to avoid the draft."

The 3,056,000 miles of highway in the United States are nearly three times the total road mileage of Great Britain, France, Spain, Italy, and Germany.

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