

ARMY REVEALS "LIBERTY FUEL" FOR AUTO, PLANE

Cheaper and Better than Gasoline, Major of Engineers Says.

Washington, D. C., Nov. 29.—"Liberty fuel," vastly cheaper and better than gasoline, has been invented by officers of the war department and is now being produced in large quantities, it became known today.

The fuel is the result of more than 500 experiments conducted by Maj. O. B. Zimmerman and Capt. E. C. Weingerber of the research and development divisions of the general engineering depot here.

Exhaustive experiments have proved that the new fuel is adapted to all kinds of motor vehicles, stationary engines, and airplanes.

Basis Is Kerosene.

Kerosene is the base of the new fuel. Credit for the production of the new fuel is given by Maj. Zimmerman to his colleague, Capt. Weingerber, a gas and oil engineer of wide experience and established reputation. "Liberty fuel" acts completely as a gasoline substitute," said the major.

"It is odorless, tasteless, and non-corrosive. It leaves less residue of carbon than any gasoline, requires less air or oxygen for combustion, and develops greater horse power.

"The force of the explosion of 'Liberty fuel' has been found to be 30 per cent greater than gasoline."

Will Be Cheap.

The ingredients other than kerosene are of low cost and can readily be obtained. The process of manufacture is exceedingly simple.

Maj. Zimmerman said the cost of the new fuel would be vitally less than that of gasoline. Arrangements will undoubtedly be made so that the public will benefit from the discovery, he said.

If the war lasted a few months longer, "Liberty fuel" would have undoubtedly played a tremendous part in its prosecution, Maj. Zimmerman said.

Arrangements had been made for quantity production, much of which would have gone to the forces abroad.

"Liberty fuel" has these advantages over gasoline: Engine starts easier; fuel explodes at temperatures even below zero; mileage per gallon is greater; safe against premature explosion, and some materials used in manufacture are now a drug on the market.

Auto Makers Reserved.

Detroit, Mich., Nov. 29.—Automobile manufacturers here are withholding expression on the reported discovery by army engineers of a "Liberty fuel," said to be much cheaper than gasoline, until further details are supplied.

YOUNG ADVENTURERS TAKEN.

Frank, Wallace, and George Horath, 12, 10, and 8 years old, who set out to lead a life of adventure on Monday, were taken in tow yesterday by Patrolman Thomas O'Hara. They live at 2912 Wallace street. It is said that the trio became so hungry that they broke into a butcher shop.