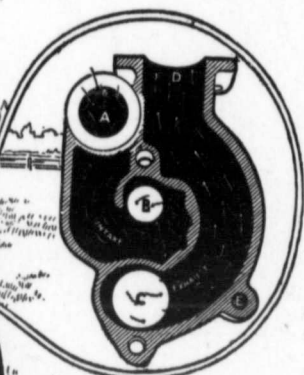


Officially Inspected
Sealed and Passed as
**KEROSENE
BURNERS**



Cross Section of Avery Kerosene Gasifier
 A—Fuel mixture coming from carburetor and entering gasifier.
 B—Fuel mixture thoroughly gasified and entering cylinder.
 C—Exhaust coming from cylinder and leaving intake wall.
 D—Exhaust exit.
 E—Fuel booster.

A Wonderful Invention Avery Gasifier-Turns Kerosene Into Gas

WE have discovered the way to burn kerosene more successfully than it has ever been done before in a tractor. Avery Tractors burn *all* of the kerosene instead of wasting part of it on account of it not being fully vaporized. Avery Tractors burn kerosene so successfully that we are able to use the lubricating oil over and over again instead of using it only once and then wasting it. Avery Tractors don't just run on kerosene—they burn *all* of the kerosene.

The Reason Avery Tractors Burn All the Kerosene

Avery Tractors are equipped with double carburetors. The motor is started on gasoline and when it warms up you pull the lever and instantaneously switch over to kerosene without having to make a single adjustment of any kind.

But while a carburetor will mix gasoline with air and form a gas which burns readily in the cylinder, no carburetor has as yet been designed which will successfully handle kerosene. We accordingly place on each cylinder head of an Avery Tractor our Duplex Gasifier, which takes the mixture of kerosene and air as it comes from the carburetor and so reduces the particles of kerosene and mixes them with the air as to form a gas that burns more successfully than kerosene has ever been burned before.

Avery Tractors are the only make of tractors with a double carburetor and duplex gasifier fuel system which burns all the kerosene.

The 1917 National Tractor Demonstration Proved Avery Tractors to be Real Kerosene Burners

The rules of the demonstration were that a tractor which burned kerosene was allowed only 5% as much gasoline as kerosene for starting. All tanks were drained, filled and sealed under the supervision of a fuel inspector. Avery Tractors not only met every condition of this rule but did much more.

- They burned kerosene without calling for any more gasoline for starting during the entire week than the 5% allowed for the first day's filling of kerosene.
- They burned kerosene without a lot of black smoke coming out of the exhaust—showing that they burned all of it.
- They burned kerosene without part of it passing the pistons and cutting the lubrication—the oil in the crankcase did not have to be changed.
- And to show that Avery Tractors would do even more than burn kerosene, a couple of sizes burned distillate.

Get all the Facts about the Avery Motor Farming Line

There is a size Avery Kerosene Tractor to fit every size farm—there are six sizes of Avery Tractors, from a small 5-10 to a large 40-80 H. P. There is also a size Avery Tractor Plow and a size Avery Thrasher to fit every size tractor. With an Avery Two-Row Motor Cultivator you can also plant and cultivate corn, cotton and other row crops with motor power and double the number of acres you can handle. The new 1918 Avery Catalog is a most interesting 80-page book, telling all about Avery Motor Farming Machines and showing them in natural colors. Write for a free copy and get *all* the facts. Address

AVERY COMPANY, IOWA STREET, PEORIA, ILLINOIS

Branch Houses and Distributors Covering Every State in the Union and more than 60 Foreign Countries

These are the official cards showing the fuel used by Avery Tractors at the 1917 National Tractor Demonstration.

Averys are the Tractors that burn **ALL** the Kerosene

AVERY

Plant and cultivate your corn, cotton or other row crop with an Avery Motor Cultivator. Thrash your grain with an Avery "Yellow-Kid" Separator.

