

# The Hercules Engine News

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Most of the more common "farm engines" ran on gasoline. There were some with provisions to run on kerosene. Early Economy catalogs show that engines were also available to run on natural and artificial gas. There were also many aftermarket "gas" conver-

sions. The story of this time is about such a conversion.

Shown in the accompanying three pictures is a conversion on engine number 285,678, a 5 HP model F Hercules engine. The original fuel mixer has been replaced with one that allows for the use of gasoline but has provisions for gas use. The hand valve is for regulating gasoline while the hole at the bottom is for attaching the gas source.

In order to supply gas at a regulated steady pressure, an adjustable regulator as shown is used in the supply line.

A unique feature of this setup is the

mechanism to prevent intake valve flutter during the idle strokes of the engine. The simple Hercules mechanism has been replaced with one that attaches to the side of the head. It is activated by a bell crank mechanism that is linked to the side rod.

Whether this set up was commercially produced or is a "one of a kind," is unknown.

Typical of the F model engines, this one has been changed. The normal Webster 2C magneto ignition system has been updated to the Wico EK system. ○

