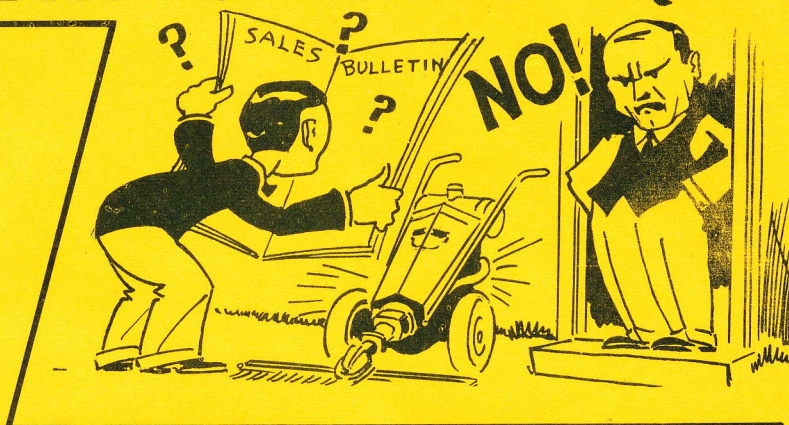


GRAVELY BULLETIN

sales information



July 29, 1952 436

Change In Materials on Model L Tractor

An important change has been made in the aluminum parts on the Model L Gravelly Tractor which results in an improved machine.

In the past all the aluminum parts were sand cast. This process is not completely accurate and also gives a casting that is porous and likely at times to have sand and blow holes. You have found this on some of the crank case housings.

We have now completed a program whereby we have invested a large sum of money in steel dies for making all aluminum parts. This is a die casting process which gives a very accurate casting, with a pleasing appearance, and most important, the walls of the casting are very dense, thus eliminating porous places, blow and sand holes. These castings are made by forcing the metal into the dies under heavy pressure, which makes it much tougher and less brittle than the sand cast aluminum.

The parts which will benefit most by this change are the L-101 and L-102 Crank Cases. Through the use of this new casting process, we believe that we have now a crank case that will hold oil under all conditions. Also, when you receive Tractors with these new crank cases, you will note that it is smoother and more finished in appearance.

Since the size of the bushing on the Oil Pump for the aluminum die cast L-101-2 Crank Case Housings assembly has been changed, it has been necessary to set up a new number on this bushing. The part number of this new bushing is L-420B. In ordering bushings to fit the new die cast L-101-2, be sure to order by number L-420B since we also have two other size bushings, L-420 and L-420A. It will also be interesting for you to know that this new L-420B can be used in the old style crank case that used the L-420 bushing without drilling out the bushing hole in the crank case, and without any work on the bushing, you can install the new style oil pump gears. The list price on this L-420B bushing will be .32 each.

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Part L-420B Size $1/2$ "OD X $7/16$ "ID X $7/8$ "L, started using in 1952 on Tractors with serial numbers avobe 71900, used with die cast crankcases.

Part L-420A Size $9/16$ "OD X $7/16$ "ID X $7/8$ "L, used from 1945 to 1952 on sand cast crankcases.

Part L-420 Size $1/2$ "OD X $3/8$ "ID X $7/8$ "L, used 1937 to 1945.

In addition to the Crank Cases, the other Model L Tractor parts which have been changed to the new die cast process are as follows:

L-819-B Manifold Return Casting
L-103 Bearing and Pump Cap
L-819-C Air Filter Bracket
L-802 Fan Pulley