



history is being recorded in scientific farming which in the threshing season of 1917 will outclass much that has drifted into the past, and will probably set the pace for many years to come. In this circle of progress few things are playing a more prominent part than the



LION BRAND
Rubber Belt

OR THE

**YELLOW
FELLOW**

ENDLESS THRESHER BELT



Sold by all thresher companies doing business in Canada. They may cost a trifle more than some fabrics that are always a big risk but that is forgotten in the added years of service, and we guarantee our goods against all disappointment from slippage or breaking. It is not possible to make better belting by any scientific method known at this day.

Gutta Percha and Rubber Limited, Not in any trust or Combine

WINNIPEG FORT WILLIAM REGINA SASKATOON CALGARY LETHBRIDGE EDMONTON

Hardening Special Tools

It is well known in the shop that some castings when placed on the machine tools develop exceedingly hard spots caused partly by chilling in the mold. Machining these, it is a difficult and tedious matter to keep the tool sharp enough to do good work. Continual trips to the emery wheel are necessary, causing annoyance and wasted time. In cases of this kind, the writer uses a tool hardened as follows:

Heat a good quality of tool steel (not the high-speed variety) to a cherry red; plunge into salt water until cold; pull out and hold over the fire until a drop of water will evaporate when placed upon it. Then plunge into cold water. This takes the hardening strain off the tool and prevents the edges from breaking out. In practice, a tool of this kind will work well on chilled spots and keep a sharp edge.

A Boomerang

"Willie, your master's report of your work is very bad. Do you know that when Woodrow Wilson was your age he was head of the school?"

"Yes, pa; and when he was your age he was President of the United States."—Tit-Bits.

Locating Small Punctures

Occasionally trouble is experienced by the failing to locate minute punctures in the inner tube. Even when the tube is pumped almost to bursting pressure the tell-tale bubbles often fail to show themselves. If the tube be slightly inflated, then wound round spirally with string, a great pressure can be forced in without risk of a burst. Even the tiniest hole will be found by this means.

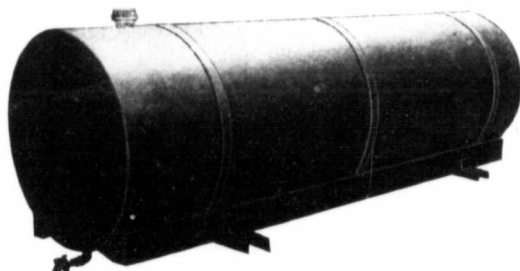
Overhauling the Engine

To those owners who may of necessity be overhauling their cars we need hardly counsel any who may be dismantling the power unit and magneto not to leave the armature out of the tunnel without a "keeper," or the magnets will lose their magnetism. Never jar magnets unnecessarily, as it tends to reduce magnetism.

Removing Rust from Nickel

Rust may be removed from nickel by smearing the parts with grease and allowing it to remain for several days. If the rust is not bedded too deeply in the metal it can be rubbed off with the grease, a cloth dipped in strong ammonia being utilized for the purpose. If it be very deep, apply a diluted solution of hydrochloric acid.

MAX WAGGON OIL TANK



Diameter	Length	Capacity	Weight	Gauge of steel
30 inches	10 feet	365 gallons	550 lbs.	14
36 "	10 "	525 "	625 "	12

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