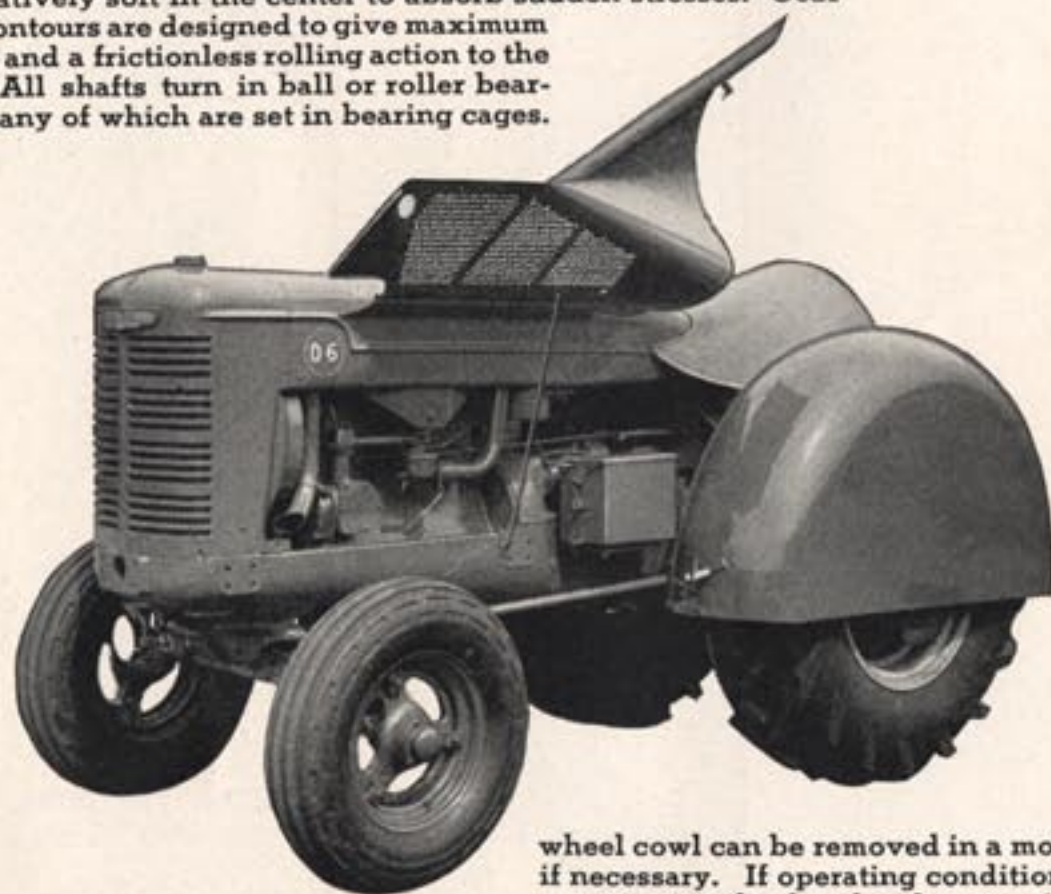


Here you get an inside view of the quiet-running, long-life, five-speed transmission and final drive in the O-4 and O-6 tractors—another good example of McCormick-Deering high-quality design and construction. Gears and pinions, large and small, are drop-forged of alloy steel, precision-machined, carburized, and heat-treated to leave them extremely hard on the contact surfaces and relatively soft in the center to absorb sudden stresses. Gear tooth contours are designed to give maximum contact and a frictionless rolling action to the teeth. All shafts turn in ball or roller bearings, many of which are set in bearing cages.



The smooth, projectionless exterior of these tractors was not attained at the sacrifice of accessibility. The entire hood side can be raised and held in position as shown, and the steering

wheel cowl can be removed in a moment if necessary. If operating conditions do not require the hood side you simply pull out the hinge pin and remove it from the tractor. The engine cover can likewise be removed in a jiffy. Battery, starter, lights, and cowl on this O-6 are special equipment.

### FIVE FORWARD SPEEDS...and then some

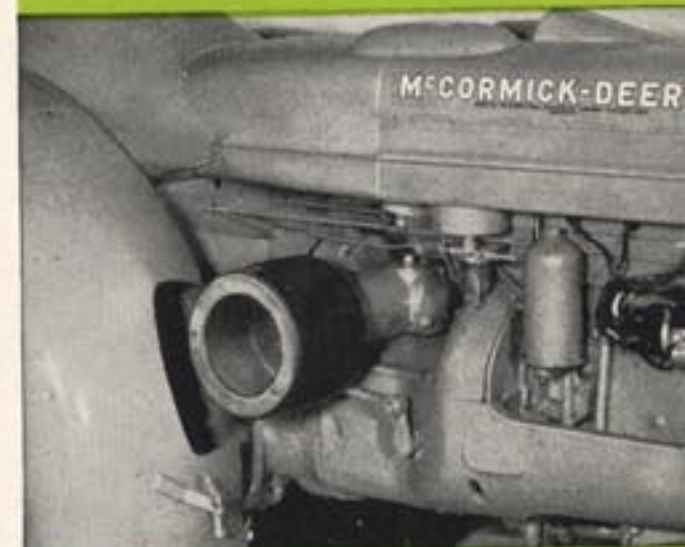
Five forward speeds give flexibility of operation never before obtainable with 4-speed or 3-speed transmissions. But that is not the whole story. There is also a wide choice of governor-controlled, full-load, full-throttle engine speeds. Consequently almost unlimited combinations of tractor traveling speed and drawbar pull are available. The practical result is high operating efficiency, with reduced fuel consumption and engine wear.



Radiator shutter and heat indicator are regularly supplied on O-4 and O-6 tractors with the distillate-gasoline engine in order that the operator may control engine temperature accurately from the seat, particularly when operating on distillate. As clean combustion in the high-compression straight gasoline engine (optionally supplied) does not depend to the same extent on fixed operating temperature the shutter and indicator are supplied for high-compression tractors only on special order.



The low overall height of the McCormick-Deering Orchard and Grove tractors is readily apparent in this illustration (see specifications for height).



In this O-4 view the hood side has been removed to show the belt pulley (special equipment) in position for operation. Ample clearance around the pulley and a straight view along the belt from the seat make it easy to put the belt on, line it up, and tighten it.