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January 1929

Test 157: Rock Island G-2, 15-25

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UNIVERSITY OF NEBRASKA AGRICULTURAL ENGINEERING DEPARTMENT
AGRICULTURAL COLLEGE, LINCOLN

Copy of Report of Official Tractor Test No. 157

BRIEF SPECIFICATIONS

MOTOR: Make Waukesha Serial No. 198846 Type 4 Cylinder Vertical
Head "L" Mounting Lengthwise
Bore and stroke: 4 $\frac{1}{4}$ x 5 $\frac{1}{2}$ in. Rated R.P.M. 1100
Port Dia. Valves: Inlet 2" Exhaust 1 $\frac{3}{4}$ "
Belt pulley: Diam. 16 in. Face 6 $\frac{1}{2}$ in. R.P.M. 675
Magneto: Splitdorf Model 46T
Carburetor: Stromberg Model M2 Size 1 $\frac{1}{2}$ "
Governor: Waukesha No. ----- Type Fly-ball
Air Cleaner: Pomona "Vortox" Type Oil Filter
Lubrication: Pressure

CHASSIS: Type 4 Wheels Serial No. G2-90001 Drive enclosed gear
Clutch: Twin Disc Type dry plate operated by hand
Advertised speeds, miles per hour: Low 2.75
Intermediate None High 4.00 Reverse 1.75
Drive wheels: Diameter 46" Face 11 1/8"
Lugs: Type Spade No. per wheel 22 Size 4"H x 3 $\frac{1}{2}$ "W x 6"B
Extension rims: Width None Seat Pressed Steel
Total weight as tested (with operator) 5070 pounds.

FUEL AND OIL

Fuel: Distillate Weight per gallon 6.94 Pounds
Oil: Mobiloil A To fill crankcase 2 $\frac{1}{2}$ gallons
Additional amount used during test None
Total number of hours of test 30

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REPAIRS AND ADJUSTMENTS

No repairs or adjustments.

REMARKS

The tests herein reported were conducted with one carburetor setting which remained unchanged throughout the tests. This condition should be recognized when comparing this test with any Nebraska test conducted prior to 1928.

In the advertising literature submitted with the specifications and application for test of this tractor we find no claims and statements which, in our opinion, are unreasonable or excessive.

The results of this test indicate that the rating of this tractor does not exceed the provisions of the tractor rating code of the American Society of Agricultural Engineers and the Society of Automotive Engineers.

We, the undersigned, certify that above is a true and correct report of official tractor test No. 157.

Lew Wallace
Engineer-in-Charge

E. E. Brackett
C. W. Smith
E. B. Lewis
Board of Tractor Test Engineers