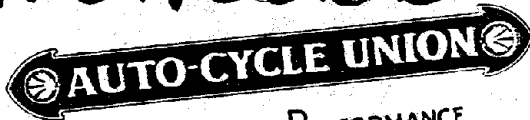


THE MOTOR CYCLE

FOUNDED 1903 · LARGEST NET SALE IN THE WORLD

MATCHLESS ECONOMY



CERTIFICATE OF PERFORMANCE.

(HELD UNDER THE GENERAL COMPETITION RULES OF THE AUTO-CYCLE UNION.)

No. 310.

This is to Certify

that Mr. J. H. Dale, of Auckland, New Zealand, entered a 1948, G371 347 c.c. Matchless motorcycle (Registered No. JYH 375) for a test to determine the maximum distance that can be travelled on half a gallon of fuel.

Date of Test.

The test took place on 11th August, 1950, at the M.I.R.A. Proving Ground at Limley, nr. Nuneaton.

Performance.

Half a gallon of motor spirit was measured into the dry tank of the motorcycle, and the tank was then sealed.

The attempt started at 11.50 a.m.

The motorcycle was driven round the Track (3.013 miles) continuously, with one exception, until the fuel was exhausted. The exception was a voluntary stop made at the end of the 15th lap for refreshment and to replenish the gearbox with oil, which had not been available at the start. The duration of this timed stop has not been included in the total time for the test.

The motorcycle travelled a distance of 51 laps and 2.5 miles before the attempt ceased. This is a distance of 156.163 miles and occupied 8 hours, 3 minutes and 48 seconds, giving an average speed of 19.36 m.p.h.

Weather and Track Conditions.

The weather was fair, with clouds and bright intervals. A 20-25 m.p.h. wind blew steadily from the SSW during the day, but dropped slightly towards evening.

The track, of tar-macadam surface, consists mainly of three straight legs forming a triangle, one approximately level and the other two having slight gradients. The wind was adverse on the uphill leg and favourable on the downhill leg. Where conditions permitted, the motorcycle was allowed to coast with engine stopped.

Driver.

The motorcycle was driven throughout by Mr. J. H. Dale.



A. J. Woodhouse

Chairman, Auto-Cycle Union.

J. H. Woodhouse

Chairman, Competitions Committee.

S. H. Huggitt

Secretary.

John Dale, of Auckland, New Zealand riding a 350 c.c. O.H.V. Matchless under official A.C.U. observation at the M.I.R.A. Proving Ground, Nuneaton, achieved the remarkable petrol consumption of 312.5 miles per gallon.

