

TEST RECORD FOR D. C. GENERATOR

OUTBOARD, MARINE & MANUFACTURING COMPANY OF CANADA, LTD.
PETERBORO ONTARIO

MODEL - S.C.501 K.W.- 15 VOLTS - 115 AMP.- 130 R.P.M. - 575
SERIAL NO. - 26310 ORDER NO.- 7430 CUST. -
ARMATURE NO.- 26310 FIELDS - Shunt - Series - Interpole

COLD RESISTANCE					HOT RESISTANCE				
PART	VOLTS	AMP.	TEMP.	OHMS	PART	VOLTS	AMP.	TEMP.	OHMS
Sh. Fld.	55	2	23	27.5					
	83	3		27.7					

COMPOUNDING & LOAD TESTS..After 2-1/2 hour F.L.

	Volts Line	Amps K = 2	Volts Field	Amps Field	R.P.M.
No Load, Full Fld	135	0	-	4.1	593
No Load, Rated V	115	0	88.3	2.65	593
	115.3	15.7	88.7	2.67	590
	116.2	30.	89.5	2.7	586
	116.6	50.	90.	2.74	584
	116.2	65.	89.7	2.74	578
	115.7	79.	88.8	2.7	573
Full Field	127.	80.2	-	3.9	570
Rated V. & Load	115.	65.	82.	2.51	577

HIGH POTENTIAL TEST

2000 V. O.K.
Armature 2000 V. O.K.
Field HOT
Temp. HOT

MEGGER - 2 MEGS

Rotation Facing Comm.- C.W.
Brushes Set by N.D. Seaton
Brushes, Trailing-Leading
Sparking, No Load None
" Full Load None
Commutator O.K.
Pulley Bearing -
Comm. Bearing O.K.
Studs 4 Brushes, ea. 3

COMPOUNDING & LOAD TESTS - COLD

No Load, Full Fld	142.	0	-	5.1	595
" " Rated V	115.	0	78	2.9	595

AIR GAP

MAIN	INT.
.103	.117

TESTED BY - N. D. SEATON

SIGNED BY

N.D. Seaton

Electrical Engineer

CUSTOMERS INSPECTOR

DATE JULY 29, 1942