

TEST RECORD FOR D. C. GENERATOR

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

MODEL - SC501 K.W.- 15 VOLTS - 115 AMP.- 130 R.P.M. - 575
SERIAL NO. - 26306 ORDER NO.- 7430 CUST. -
ARMATURE NO.- 26306 FIELDS - Shunt - Series - Interpole

COLD RESISTANCE					HOT RESISTANCE				
PART	VOLTS	AMP.	TEMP.	OHMS	PART	VOLTS	AMP.	TEMP.	OHMS
Sh. Fld.	56	2	26	28					
	84	3		28					

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

	Volts Line	Amps Line K = 2	Volts Field	Amps Field	R.P.M.
No Load, Full Fld	130.4	0	-	3.84	595
No Load, Rated V	115.	0	95	2.8	595
	115.6	15.5	95.2	2.81	592
	116.4	30.	95.8	2.82	590
	117.	50	96.	2.82	587
	116.3	65.2	95.7	2.81	584
	115.7	78.	95.	2.8	579
Full Field	125.	80.	-	3.7	575
Rated V. & Load	115	65.5	88.	2.6	583

HIGH POTENTIAL TEST

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

MEGGER - 2 MEGS.

Rotation Facing Comm.- C.W.
Brushes Set by N. D. Seaton
Brushes, Trailing-Loading
Sparkling, 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	140	0	-	4.9	595
" " Rated V	115	0	81	2.9	595
Full Field					
Rated V & Load					

AIR GAP

MAIN	INT.
.104	.119

TESTED BY - N. D. SEATON

SIGNED BY *N. D. Seaton*
Electrical Engineer

CUSTOMERS INSPECTOR

DATE JULY 23, 1942