

# S.B. "SILVERLAUREL" - EXTRACTION PUMP MOTORS.

T.S. 7911

## W. H. ALLEN, SONS & CO., LTD.

DATE 3rd/5/38

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Official

TEST

CUSTOMER

Messrs. Drysdale & Co. Ltd. Job No. 7284

W. No. E1/72575/2

Aux. Extraction Pumps. ~~British Tanker Vessels~~

HP. 6/9 VOLTS 110 R.P.M. 1350/1650 AMPS. 52/75 ~~WINDING~~ COMPOUND WOUND & INTERPOLES

RATING 63 F 6 HRS. O.L. % HRS. % MOM ~~EXTRA~~ ~~EXTRA~~ ROTATION L.H.

FRAME V.C.5. TYPE E.V.D.P. FAN & BAFFLE GEN. ARRGT. No. DIAGRAM No. 4.M.C.10.

BRUSH GEAR:- 4 ARMS 2 PER ARM 7/8x1/2 EG. 6345 POSITION Neutral PRESSURE 2 lbs/brush

NATURE OF TEST Motor-Generator SWITCHGEAR Allen Controller p.4365

RUN	HOURS	LINE VOLTS	ARMTR AMPS.	FIELD		R.P.M.	ATMOS. °F	TEMPERATURES °F					
				VOLTS	AMPS.			ARM. I.	ARM. C.	COMM.	SHUNT	SERIES	L.P.
Motor No.2	START	110	50	107	2.60	1260	70 ACTUAL	119	118	118	115	115	96
	FINISH	110	50	108	2.15	1300	RISE	49	48	48	45	45	26
	START	110	74	50	1.17	1675	70 ACTUAL	130	128	116	104	106	110
	FINISH	110	74	56	1.10	1705	RISE	60	58	46	34	36	40

### REGULATION

E1/72575 No.2

N.L. MIN. SPEED COLD

F.L. " " "

N.L. MAX. " "

F.L. " " "

50 % O.L. " "

N.L. MIN. SPEED HOT

F.L. " " "

N.L. MAX. " "

F.L. " " "

50 % O.L. " "

110	10	107	2.60	1386
110	50	107	2.60	1260
110	16	48	1.11	1978
110	74	48	1.11	1630
110	110	48	1.11	1590
110	9	108	2.25	1430
110	50	108	2.25	1300
110	13.	52	1.08	2044
110	74	52	1.08	1684
110	110	52	1.08	1525

E1/72575 No.1

LINE VOLTS	ARMTR AMPS.	FIELD		R.P.M.
		VOLTS	AMPS.	
110	10	108	2.35	1430
110	50	108	2.35	1320
110	14.	52	1.08	2070
110	74	52	1.08	1684
110	110	52	1.08	1550
110	12	52	1.08	2080 N.L. Uncoupled



Certificate of Test Results for Lloyd's Register.

COMMUTATION AT

AIRGAPS MAIN .06 LP. .093

AIRGAPS MAIN .06 LP. .0935

Grease or Oil retention

% O.L. 50 Good

INSULATION RESIS. 40 MEGOHMS

INSULATION RESIS. 40 MEGOHMS

O.K.

BALANCE AT 2044 R.P.M. Good

PRESSURE TEST 2 MINS. 1500 VOLTS

NAMEPLATE O.K.

INSPECTED BY

TESTED BY

J. H. Robinson  
E.A. Hill.

SIGNED

For W. H. ALLEN, SONS & Co., Ltd.

W261-0229