

Clelands No 35 ship 17 FEB 1937
622

ORDER No.

VERITYS LTD.

TYPE

FRAME

ASTON,

DP

VDB5

TEST RECORD.

MACHINE No.

72856

DATE TESTED.

20-10-36

DESCRIPTION

OUTPUT

AMPS.

VOLTS.

R.P.M.

SHUNT MOTOR
COMPOUND DYNAMOB.H.P.
K.W.

3

27.2

110

900

TESTED BY

RESISTANCES OF WINDINGS (OHMS).

ARM & BRUSHES

ARMATURE

I.P. COILS

SHUNT COILS

SERIES COILS

COLD

HOT

COLD

HOT

COLD

HOT

COLD

HOT

COLD

HOT

0.408

0.14

0.08

R.P.M.

AMPS.

VOLTS.

SHUNT

TIME

BRUSH
POSITION

REMARKS

Counter clockwise @ C.E.

945
946
900
900
900
900
900
900
900
900

0
0
27.2
27.2
27.2
27.2
27.2
27.2
27.2
27.2

185
110
110
110
110
110
110
110
110
110

2.18
0.75
0.75
0.75
0.75
0.75
0.75
0.75
0.75
0.75

11-0
12-0
1-0
2-0
3-0
4-0
5-0

Full field
slumpounding

0.8
Temps taken
Resistances taken

945
900

0
27.2

110
110

0.8
0.8

900

34

141

1.47

Full field

900

34

110

25% O/L for 30 minutes.

900

19

129

0.8

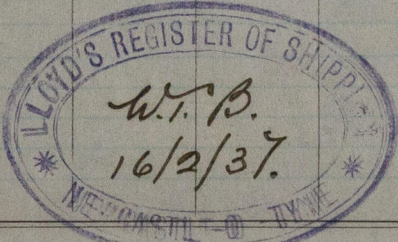
Light hot as Shunt Motor

Efficiency

FL 79%

3L 79%

1L 77%



TEMPERATURE TEST.

INSUL. TEST (HOT)

| | ARM. | COM. | I.P. | FIELD | FRAME | BEARINGS | AIR |
|-------------|------|------|------|-------|-------|----------|-----|
| TEMP. | | | | | | | 67 |
| TEMP. FRISE | 54 | 28 | 59 | 42 | | | |

Insul. Res. 20MΩ

2L-3L 30MΩ

Flashed at 2000 Volts.

2000V 5L-5L

REMARKS ON

TEST LABEL MARKED.

BRUSH SPINDLES 4

BEARINGS OK

OUTPUT 3KW

No. 4

BALANCE OK

AMPS. 27.2

BRUSHES Size 3/4 x 1/2

SILENCE OK

VOLTS. 110

Grade LINKS

FINAL BRUSH POSITIONS

R.P.M. 900

slightly
phased

W45-0176