

GLASSGOW REPORT No. 55464
THE SUNDERLAND FORGE & ENGINEERING
COMPANY, LIMITED.



TEST OF DIRECT CURRENT GENERATOR, SIZE 14" x 11"
AND ENGINE, SIZE

For MESSRS. PERMAN & CO. LTD. FOR ANGLO-SAXON PETROLEUM CO. Lubers 870.
OUTPUT PLATE } 110 Volts 146 Amps 16 K.W. 390 Revs. Order 24/12/2. Ref. 6/85
STAMPED

Continuous Rating Compound Wound, No. F.2778 Date 1934.

Engine No. - Steam Pressure - lbs. per sq. inch.

READINGS DURING TEST.

Time	Speed R.P.M.	LINE		SHUNT		Stm. Pres. lbs./sq. in.	DATE OF TEST 6/9/34
		Volts	Amps.	Volts	Amps.		Remarks
TEMPERATURE RUN.							
10 am	390	110	146	86.0	2.95		
30	390	110	146	86.0	2.96		
0	390	110	146	87.5	2.96		
30	391	110	146	88.0	2.94		
0	391	110	146	89.0	2.92		
30	390	110	146	90.0	2.93		
0	390	110	146	91.0	2.95		
30	390	110	146	91.0	2.97		
Onoon	390	110	146	91.0	2.97		
30 pm	390	110	146	91.0	2.97		
0	390	110	146	92.0	2.96		
30	390	110	146	92.0	2.96		
0	390	110	146	92.0	2.96		Temperatures taken.
	406	110	0	91.0	2.96		Light Speed.

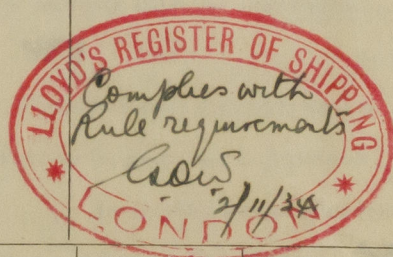
LLOYD'S REGISTER OF SHIPPING

Complies with
Rule requirements

L.R.S.

2/11/34

LONDON



temperatures taken by thermometers	Armature	Commutator	Shunt Coils	Series Coils	Interpole Coils
Maximum Temperature recorded	117	110	112	113	112
Air Temperature	72	72	72	72	72
Temperature Rise in Degrees F.	45	38	40	41	40
High Pressure Test on Generator	Before Temperature Run		After Temperature Run		
	2000 Volts for 1 min.	2000 Volts for 1 min.	30	30	30
Insulation Resistance of Generator	8 Megohms	8 Megohms	30	30	30

Date 29/10/34

Signed J.M.D.

002071-002078-0058