

SHOP TRIAL ENGINE N<sup>o</sup> 822. DATE 26-4-48.

6 CYL "F" SIRON. 300 B.H.P. 330 R.P.M.

					TEMPERATURES °F.							PRESSURES LBS. IN.				FUEL				RACK			
	TIME	R.P.M.	BRAKE LOAD.	B.H.P.	EXHAUST							LUB INLET TO COOLER	OIL OUTLET FROM COOLER	ATMOS- PHERE TEMP.	LUB INLET TO FILTER	OIL OUTLET FROM FILTER	SCAV- ENGE AIR	COOLING WATER	DROP IN INCHES	TIME PERIOD MINS.	LBS PER B.H.P.	LBS B.H.P/ HOUR	
					1	2	3	4	5	6													
START	A.M. 8-30																						
	9-0	330	0.91	300.3	300	316	304	324	317	286	WARM WATER FROM TANK HEATING LUB OIL →	64	66	55	14.25	12.75	2.75	6.75				21 <sup>3</sup> / <sub>4</sub>	
	10-0	330	"	300.3	331	353	341	366	354	325		95	88	56	13.5	12.75	2.5	6.75	6.375	6	121.1	0.403	21 <sup>1</sup> / <sub>2</sub>
	11-0	331	"	301.2	336	360	345	368	358	335		110	104	62	13.25	12.5	2.5	6.5	5.625	9	121.5	0.405	21 <sup>1</sup> / <sub>4</sub>
	P.M. 12-0	331	"	301.2	335	360	348	370	358	342		122	120	66	12.75	12.25	2.5	6.5				21 <sup>1</sup> / <sub>4</sub>	
	1-0	331	"	301.2	340	363	348	378	358	345		124	118	67	12.75	12.25	2.5	7.5	2 MINS. MANOEUVERING FOR LLOYDS				
	2-0	331	"	301.2	339	362	347	378	358	341		123	114	65	12.75	12.25	2.5	7.5	5.625	9	121.9	0.405	21 <sup>1</sup> / <sub>4</sub>
	3-0	332	"	302.1	339	362	348	377	356	342		122	112	71	13	12.5	2.5	7.5				21 <sup>1</sup> / <sub>4</sub>	
STOP 4-35	3-05	343	0.37	332.7	360	382	368	400	375	362		122	112	71	13	12.5	3.15	7.5	7.287	6	137	0.412	22 <sup>3</sup> / <sub>4</sub>
	3-35	343	0.37	332.7	365	385	370	405	382	370		122	112	72	13	12.5	3.15	7.5					
	3-40	321	0.35	304.25	343	370	351	385	364	348		122	112	72	13	12.5	2.7	7.75	6.415	6	121.9	0.40	21 <sup>3</sup> / <sub>4</sub>
	4-30	321	0.35	304.25	343	370	352	383	362	346		120	112	72	13	12.5	2.7	7.75				21 <sup>3</sup> / <sub>4</sub>	
STOP 4-35.																							
STARTS. ALTERNATE AHEAD AND ASTERN.					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
PRESSURE IN RECEIVERS					373	360	348	338	325	310	305	300	297	290	280	270	260	248	240	235	230	220	

#### AIR COMPRESSOR TEST

TIME.	PRESSURE IN RECEIVER.
1-44	230 LBS IN.
1-58	300 " "
2-11	350 " "
2-27	400 " "

OUTPUT 2.49 CUB. FT. MIN.

	CYL N <sup>o</sup>	TIMINGS.					
		1.	2.	3.	4.	5.	6.
AIR	AHEAD A.T.C.	1°	1.5°	0°	0°	1°	1°
	ASTERN A.T.C.	2°	5°	1.5°	1°	22°	4°
FUEL	AHEAD B.T.C.	5°	5°	5°	5°	5°	5°
	ASTERN B.T.C.	4.3°	3°	6°	5.5°	5.5°	5.3°

FUEL OIL USED; POOL GAS OIL. S.G. 0.85  
 LUB " " PRICES DIESEL OIL "H"  
 CONSUMPTION LUB OIL;-  
 TO LUBRICATOR, 0 GALLS 1.75 PINTS  
 LOSS IN SUMP, 1 " 6 "

THE NEWBURY DIESEL CO. LTD.  
 NEWBURY — ENGLAND.



822

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Newbury Decal Eng 60 Eng No  
822 for Mrs. Cassidy  
Lm Dpt No. 116897.

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