

CROSSLEY BROTHERS LIMITED.

OPENSHAW, MANCHESTER, 11.

## TEST RECORD SHEET.

Test taken at :— **OPENSHAW.**

Works

Set No. :—

Contract No. :— **20282**

Barometric Pressure :—

Inches of Mercury :—

Date :—

**.3. 12. 43**Type of Engine :— **HRL4** Engine No. :— **132843.**

Machine No. :—

Volts. :—

Amps. :—

Phase :—

Client :— **R. DUNSTON.**Fuel used :— **POOL DIESEL.**Grade of Lubricating Oil :— **CROSSLEY "V".**Type of Load :— **H.&.F. WATER BRAKE  
WXN = BHP.**

Time	Revs. per Min.	LOAD.	B.H.P.	Seav. Air. lbs./sq"	FUEL CONSUMPTION					Lubricating Oil Pressure Lbs./per sq. in.	Air Temp'r °F	Circulating Water		Lubricating Oil Cooler				
					Lbs. Fuel	PERIOD		Lbs./Hr.	Lbs./ /Hr.			Temp. °F.		Quantity G.P.M.	Water Temp. °F		Oil Temp. °F.	
						Min.	Secs.					In	Out		In	Out	In	Out
Start 4.0. a.m.																		
4.30	300	733	220	1 75						15 ↓	56	50	70					From Sump to tank 76
5.0	300	733	220	1 75						15 ↑	"	50	72					80
5.30	300	733	220	1 75	10	7	6	84.5	.384	15 +	"	"	74					85
6.0	300	733	220	1 75						15	57	"	78					90
6.30	300	733	220	1 75	10	7	9	84	.382	13	57	52	80					94
7.0	300	733	220	1 75						11	"	"	80					100
7.30	300	733	220	1 75	10	7	6	84.5	.384	11	"	54	80					103
8.0	300	733	220	1 75						11	"	"	75					106
8.30	300	733	220	1 75						10	"	58	80					106
9.0	300	733	220	1 75						9.5	"	60	82					106
9.30	300	733	220	1 75						9	58	64	86					108
10.0	300	733	220	1 75						8.5	58	64	88					108
10.30	300	Change to 10% overload. 806	242	1.8						8	58	68	93					110
11.0	300	806	242	1.8						7.5	58	68	95					112

Lubricating Oil Sump :

Level at Start of Test :—

" " Finish " " :—

Oil used during Test :—

Temperature at Start of Test :— °F

" " Finish " " :— °F

Governor Test :

Full Load Steady :— R.P.M.

Full Load to No Load :— "

No Load Steady :— "

No Load to Full Load :— "

Full Load Steady :— "

Tested by :—

Passed by :—



TEST RECORD SHEET.

Type of Engine :— HRL.4

No. :—

132843.

Date :—

3.12. 1943

EXHAUST TEMPERATURES.

	1	2	3	4													
Start.																	
4.0 a.m.																	
4.30	240	260	250	250													
5.0	250	270	265	265													
5.30	250	270	265	265													
6.0	260	270	265	265													
6.30	260	270	265	265													
7.0	260	270	265	265	Ahead.												
7.30	260	270	265	265													
8.0	240	255	260	250													
8.30	250	250	260	250.													
9.0	250	255	260	255													
9.30	250	255	260	255													
10.0.	250	255	260	255													
10.30	275	290	280	275													
11.0.	280	295	290	280													

Time taken to charge air  
receiver from 0-350 lbs. 19 mins.

No of Starts obtained 12

Manoeuvres satisfactorily.

Change to 10% overload.



