

ENGINE TEST SHEET

Engine No. **206509**

Size **7VGBMRS. 14 1/2**

Order No. **40/13/49** P. No.

Customer **Admiralty.** Test No. **42219** Date **16-8-41.**

Fuel—Name **Pool Diesel Oil SG .87** Viscosity **35 Sec at 100°F.**

Brake No. and Constant **WN/600**

Ahead Test.

Time every 30 mins.	R.P.M.	Brake Loads	B.H.P.	Fuel—lb.	Exhaust Temperature	Water Temperature		Lubricating Oil Pressure
						Inlet	Outlet	
4-10	430	1807 lbs.	560	--	800° F	62° F	120° F	29 lbs.
4-40	"	"	"	109 lbs.	840	"	"	28 "
5-10	"	"	"	108	835	"	"	" "
5-40	"	"	"	107 1/2	835	"	"	" "
6-10	"	"	"	107 1/2	835	"	122	" "
11-15	"	1988	616		915	"	130	28 "
11-45	"	"	"	120	922	"	"	" "
12-15	"	"	"	120	927	"	"	" "
12-30	"	1856	480		650	"	120	28 "
1-0	"	"	"	80	645	"	"	" "
1-30	"	"	"	80	645	"	"	29 "

Valve Settings

OPENS

CLOSES

ROLLER CLEARANCES

Air Valve

3°

Bef.

29°

Past

.030

Exhaust Valve

40°

Bef.

16°

Past

.030

Starter Valve

Top centre

Bef.

65°

Bef.

Relief Valve

—

Bef.

Spill Valve Clearance

Cylinder Head Symbols

No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8
7.J.39	10.K.39	24.D.40	7.M.39	19.J.39	2.E.40	4.J.40	Atomiser
1606 2C	16064C	16060C	16063C	16066C	16061C	16065C	Nos.
2761 IH	2642HH	2864 IH	2856 IH	2710 IH	2860 IH	2764 IH	Fuel pump
							Nos.

Summary of Test

Fuel per $\frac{\text{B.H.P.}}{\text{KW.}}$ hour

10% Overload **.389**

Full Load **.385**

$\frac{3}{4}$ " **.380**

$\frac{1}{2}$ " "

$\frac{1}{4}$ " "

Shop Temperature **72°F**

Governor—Range **430-460-455-425-430**

Run up **25**

General Remarks **Despeeder spring 36/1418 No.28**
Shortened to 8 1/2" 80 lbs poundage.

Tested by **R. Harrod & LD Kettlebo**

Miles and Jones

Signed by **H. Harrod.**