

S.S. "SILVERLAUREL" - OIL PURIFIER MOTOR.

616

M16-8027.

ORDER No.

W  
7841

VERITYS LTD.

ASTON,  
TEST RECORD.

TYPE

FRAME

Prot. YDB1

MACHINE No.

80702

DATE TESTED.

18-2-38

DESCRIPTION	OUTPUT	AMPS.	VOLTS.	R.P.M.
SHUNT MOTOR COMPOUND DYNAMO	B.H.P. K.W. 1	9.0	110	1425
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
			1.56						

R.P.M.	AMPS.	VOLTS.	SHUNT	TIME	BRUSH POSITION	REMARKS
						<u>Counter clockwise @ C.E.</u>
1460	1.2	110	0.75			Light Neutral Cold
1320	9.0	110		9-15		} 6 hour full load run. Temps. and resistances taken.
1405	9.0	110	0.61	3-15		
						<u>Clockwise @ C.E.</u>
1405	9.0	110	0.61			25% O/L test. 100% O/L
1470	4.6	110	0.61			
1375	11.25	110	0.61			
1540	1.0	110	0.61			light hot



# TEMPERATURE TEST.

INSUL. TEST (HOT)

	ARM.	COM.	I.P.	FIELD	FRAME	BEARINGS	AIR	
TEMP. °F							65 °F	Insul. Res. 50 MΩ
°F TEMP. RISE	60	30	-	61				Flashed at 2000 Volts.

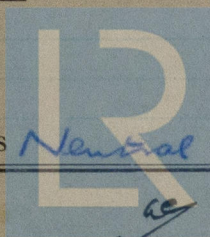
# REMARKS ON—

TEST LABEL MARKED.

BRUSH SPINDLES 2 BEARINGS OK  
No. 4 BALANCE OK  
BRUSHES Size 40 SILENCE OK  
Grade LINK5 FINAL BRUSH POSITIONS Neutral

OUTPUT 1349  
AMPS. 9  
VOLTS. 110  
R.P.M. 1425

W261-0228



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# WINDINGS.

DESCRIPTION	WINDING No.	No. OF COILS	TURNS PER COIL	SIZE OF CONDUCTOR	NATURE OF COVERING	WEIGHT OF WIRE
ARMATURE						
INTERPOLES						
SHUNT FIELD						
SERIES FIELD						

REMARKS:



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