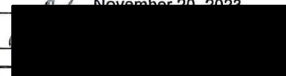


Weather: Mostly cloudy
 Air Temp.: 28 °F
 Barometric Pressure: 30.6 " Hg
 Humidity: 91 %



ENGINE TEST LOG

Date: November 20, 2023
 Tester: Alan Adkins / Blake LeGros
 W/O #: U615
 Date Accepted: 4 / November 20, 2023
 Signature: 

ENGINE DATA:		MODEL:		IO-375-EXP				SERIAL#	1936-SP				MAX RPM:	2700		OWNER:	KAVU Inc.			
TIME RUN	RPM	MANIFOLD PRESSURE	OIL PRESSURE FRONT	OIL PRESSURE REAR	OIL TEMP °F	UNMETERED FUEL PRESSURE	METERED FUEL PRESSURE	FUEL FLOW	CHT						EGT					
									1	2	3	4	5	6	1	2	3	4	5	6
5	1200	11.5	66	74	90	29.0	-	2.2	224	200	213	226	-	-	966	901	1041	960	-	-
5	1500	12.5	66	74	119	29.0	-	2.8	226	200	213	226	-	-	1032	940	1067	1022	-	-
5	1800	15.0	68	76	142	29.0	-	4.5	240	212	226	244	-	-	1112	1080	1150	1130	-	-
5	2000	17.0	70	78	155	30.0	-	5.8	255	220	240	260	-	-	1144	1115	1190	1150	-	-
5	2200	19.5	70	79	155	31.0	-	7.7	285	250	270	290	-	-	1176	1164	1220	1203	-	-
5	2400	22.0	71	81	168	32.0	-	10.3	314	280	305	318	-	-	1227	1247	1263	1272	-	-
30	2700	27.0	70	83	163	29.0	-	18.2	357	300	343	365	-	-	1227	1200	1265	1221	-	-

COOL DOWN, CHECK ENGINE, WASH, CHECK OIL LEVEL FOR OIL CONSUMPTION RUN

5	2700	27.0	65	79	172	29.0	-	18.2	366	302	354	374	-	-	1223	1200	1268	1232	-	-
10	2700	27.0	63	76	182	28.5	-	18.4	370	305	356	375	-	-	1220	1191	1261	1221	-	-
20	2700	27.0	61	74	192	28.5	-	18.9	370	307	360	375	-	-	1203	1180	1247	1212	-	-
5	650	10.5	46	49	160	28.0	-	0.9	230	201	221	240	-	-	635	552	584	611	-	-

ACCEPTANCE RUN/INHIBIT RUN

DUAL INSPECTION:

15	2700	27.0	76	80	179	28.0	-	18.4	361	300	352	365	-	-	1236	1203	1275	1238	-	-
5	650	10.0	44	46	176	27.2	-	0.9	249	222	239	240	-	-	563	523	561	543	-	-

PERFORMANCE DATA

CYLINDER LEAKAGE CHECK

Total Oil Con.	0.3	pints	#1	76	#3	76	#5	-
Idle RPM	650		#2	76	#4	76	#6	-
Idle Oil Pres.	46	PSI @ 176 °F	Oil Pressure Set	80	PSI	176	*F @ 2400 RPM	
Fuel Octane	100 LL		Inhibited for storage:	☒	YES		NO	
Oil Grade	AEROSHELL 100 MINERAL		COMMENTS					
RPM Drop	L. Mag. 60	R. Mag. 60	@ 2000 RPM	* TEST EQUIPMENT USED FOR RUN-UP: SPARK PLUGS & HARNESS				
Acceleration check	PASS							
Governor Pressure Check:	16	/40 PSI						
Rise at Idle Cut Off:	-	RPM						