

Save date	2024/5/8
-----------	----------

Comment		
Engine No.	DF115 -	
Boat Type	MASTER	
Description	SCARPATO	

Engine information		
Power	115PS	
ECM ID	33930-92J10	
Engine Type	4 stroke, 2045cc	
Software Version	00	
Instance	0	
Keyless	0	

SERVICE DATA			
	Item	Data	Unit
	ENGINE SPEED	0	rpm
	IGNITION TIMING	BTDC 5	°
	MANIFOLD ABSOLUTE PRESSURE	761	mmHg
	MANIFOLD ABSOLUTE PRESSURE	101.4	kPa
	MANIFOLD ABSOLUTE PRESSURE	29.97	inHg
	BAROMETRIC PRESSURE	757	mmHg
	BAROMETRIC PRESSURE	100.9	kPa
	BAROMETRIC PRESSURE	29.83	inHg
	CYLINDER TEMPERATURE	21	°C
	CYLINDER TEMPERATURE	70	°F
	INTAKE AIR TEMPERATURE	21	°C
	INTAKE AIR TEMPERATURE	70	°F
	BATTERY VOLTAGE	12.01	V
	FUEL INJ. PULSE WIDTH	0	us
	INJECTED FUEL AMOUNT	0	mcc
	HIGH FUEL PUMP DUTY	0.0	%
	IAC VALVE DUTY	0.0	%
	EX-MANI TEMPERATURE	22	°C
	EX-MANI TEMPERATURE	71	°F
	THROTTLE POSITION ANGLE	0.00	°

	THROTTLE POSITION SNSR OUTPUT	0.68	V
	TRIM ANGLE	53	%
	TRIM ANGLE SNSR OUTPUT	2.25	V
	TILT LIMIT VOLTAGE	4.90	V
	TILT LIMIT VOLTAGE(DOWN)	1.79	V
	EMERGENCY STOP SWITCH	OFF	
	CTP SWITCH	ON	
	NEUTRAL SWITCH	ON	
	PTT SW UP	OFF	
	PTT SW DN	OFF	
	WATER DETECTION SW	OFF	
	START SW	OFF	
	NO. OF EX TEMP SNSR FAILURE	0	times
	NO. OF TP SENSOR FAILURE	0	times
	NO. OF TRIM SENSOR FAILURE	0	times
	NO. OF O2 SENSOR FAILURE	0	times
	NO. OF O2 SENSOR HEATER FAILURE	0	times
	NO. OF KNOCK SENSOR FAILURE	0	times
	NO. OF INTAKE FAILURE	0	times
	NO. OF MAP SENSOR FAILURE	0	times
	NO. OF CKP SENSOR FAILURE	1	times
	NO. OF CMP SENSOR FAILURE	0	times
	NO. OF CYL. TEMP. SNSR FAILURE	0	times
	NO. OF IAT SENSOR FAILURE	0	times
	NO. OF FUEL INJECTOR FAILURE	0	times
	NO. OF OIL PRESSURE SW FAILURE	0	times
	NO. OF OVER-REVOLUTION	1	times
	NO. OF LOW BATTERY VOLTAGE	0	times
	NO. OF LOW OIL PRESSURE	0	times
	NO. OF OVERHEAT(GRADIENT)	0	times
	NO. OF OVERHEAT(TEMP.)	0	times
	NO. OF ECM AND HARNESS UNMATCH	0	times
	NO. OF WATER IN FUEL	0	times
	TOTAL OPERATION TIME (HRS.)	166	h
	TOTAL OPERATION TIME (MIN.)	16	min
	0-1000 RPM	2764	min

	1000-2000 RPM	1604	min
	2000-3000 RPM	1156	min
	3000-4000 RPM	3020	min
	4000-5000 RPM	1298	min
	5000-6000 RPM	132	min
	ABOVE 6000 RPM	2	min
	ELAPSE TIME FROM REMINDER CANCEL	50	h
	NO. OF OIL CHANGE REMINDER	2	times
	IDLING OP. TIME	1196	min
	NO. OF SHIFT F	7217	times
	NO. OF START-WOT TIME(0-1 MIN)	0	times
	NO. OF START-WOT TIME(1-5 MIN)	0	times
	NO. OF START-WOT TIME(5-10 MIN)	0	times
	NO. OF ST-WOT TIME(ABOVE 10 MIN)	0	times
	NO. OF STARTING(FOLLOWING -10°C)	0	times
	NO. OF STARTING(-10-0 °C)	0	times
	NO. OF STARTING(0-10 °C)	0	times
	NO. OF STARTING(10-20 °C)	4	times
	NO. OF STARTING(20-30 °C)	107	times
	NO. OF STARTING(30-60 °C)	495	times
	NO. OF STARTING(ABOVE 60 °C)	193	times
	THE LOWEST BAROMETRIC PRESSURE	757	mmHg
	THE LOWEST BAROMETRIC PRESSURE	100.9	kPa
	THE LOWEST BAROMETRIC PRESSURE	29.79	inHg
	THE HIGHEST BAROMETRIC PRESSURE	760	mmHg
	THE HIGHEST BAROMETRIC PRESSURE	101.4	kPa
	THE HIGHEST BAROMETRIC PRESSURE	29.94	inHg
	THE LOWEST INTAKE AIR TEMP.	14	°C
	THE LOWEST INTAKE AIR TEMP.	57	°F
	THE HIGHEST INTAKE AIR TEMP.	52	°C
	THE HIGHEST INTAKE AIR TEMP.	126	°F
	THE HIGHEST AIR TEMP. (HOT)	51	°C
	THE HIGHEST AIR TEMP. (HOT)	124	°F
	THE HIGHEST CYLINDER TEMP. (HOT)	72	°C
	THE HIGHEST CYLINDER TEMP. (HOT)	162	°F