

ENGINE MARINE

EQUIP NUM: 6V71

SERIAL NUMBER: SENG_6V71

STARBOARD

DETROIT_DS 6V71_DETROIT_DS

H430-55182-0119

LABEL#: QC

SAMPLE SHIP TIME (days) : 4

S.B. Marine Mechanic

RECEIVED DATE: 01-Jul-25

No Action Required

UNKNOWN HOURS ON THE OIL. ALL TESTS APPEAR NORMAL. MORE SAMPLE HISTORY NEEDED TO ESTABLISH A NORMAL WEAR TREND. CONTINUE SAMPLING AT NORMAL INTERVAL.

Interp By: Tony Finney
Interpreted On: 01-Jul-25

SAMPLE INFORMATION

Sampled Date	27-Jun-25
Sample Id	H430-55182-0119
Lab Date	01-Jul-25
Meter [Hr]	
Meter On Fluid	
Fluid Brand	CHEVRON
Fluid Weight	30
Fluid Type	DELO
Fluid Change	N
Filter Change	N
Kidney Loop	U
Total Fluid Added	0

For additional sample history, go to:

[S.O.S WEB](#)

CONDITION / CONTAMINATION

27-Jun-25		
VISCOSITY (CENTISTOKES) ASTM D445		
V100	Viscosity at 100 C	14.90

INFRARED (UFM) ASTM E2412		
ST	Soot	20
OXI	Oxidation	9
SUL	Sulfate By-Product	16
NIT	Nitration	5

WATER		
W	Water	N

WEAR LEVELS / ADDITIVES

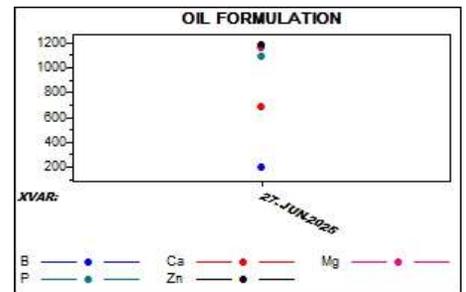
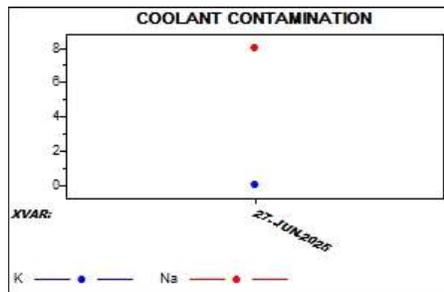
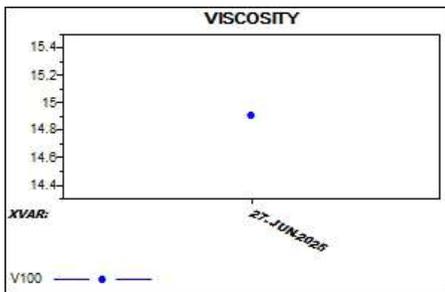
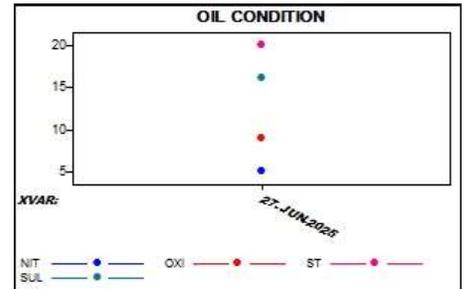
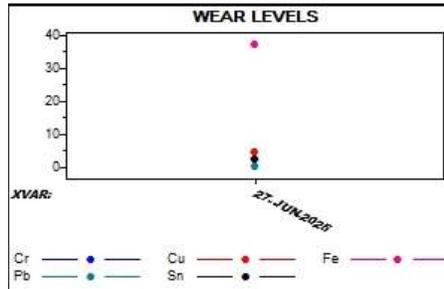
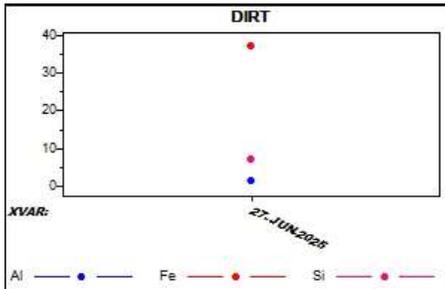
27-Jun-25

ELEMENTAL ANALYSIS (PPM) ASTM D5185 [OIL] / ASTM D6130 [COOLANT]		
Cu	Copper	4
Fe	Iron	37
Cr	Chromium	2
Al	Aluminum	1
Pb	Lead	0
Sn	Tin	2
Si	Silicon	7
Na	Sodium	8
K	Potassium	0
Mo	Molybdenum	130
Ni	Nickel	1
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	1
Ca	Calcium	676
P	Phosphorus	1081
Zn	Zinc	1169
Mg	Magnesium	1146
Ba	Barium	0
B	Boron	183
Sb	Antimony	0

ANTIFREEZE		
A	Antifreeze	N

FUEL		
F	Fuel	N

FUEL CONTENT (%) ASTM D3524		
PFc	Percent Fuel	0.80



Report Comment

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JEFF LENDALL
 S.B. Marine Mechanic