

ENGINE MARINE PORT

EQUIP NUM: PORT

SERIAL NUMBER: PORT_C7_SBMDM

H430-55255-0627

LABEL#: QC

SAMPLE SHIP TIME (days) : 6

S.B. Marine Mechanic

RECEIVED DATE: 12-Sep-25

CAT C7



No Action Required

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: 15-Sep-25

SAMPLE INFORMATION

Sampled Date	06-Sep-25
Sample Id	H430-55255-0627
Lab Date	12-Sep-25
Meter [Hr]	1752
Comp Meter [Hr]	1752
Meter On Fluid	150
Fluid Brand	CAT
Fluid Weight	15W-40
Fluid Type	
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

06-Sep-25

VISCOSITY (CENTISTOKES) ASTM D445

V100	Viscosity at 100 C	12.60
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INFRARED (UFM) ASTM E2412

ST	Soot	21
OXI	Oxidation	15
SUL	Sulfate By-Product	20
NIT	Nitration	6

WATER

W	Water	N
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WEAR LEVELS / ADDITIVES

06-Sep-25

ELEMENTAL ANALYSIS (PPM) ASTM D5185 [OIL] / ASTM D6130 [COOLANT]

Cu	Copper	17
Fe	Iron	18
Cr	Chromium	1
Al	Aluminum	3
Pb	Lead	1
Sn	Tin	0
Si	Silicon	6
Na	Sodium	22
K	Potassium	1
Mo	Molybdenum	111
Ni	Nickel	1
Ag	Silver	3
Ti	Titanium	0
V	Vanadium	1
Ca	Calcium	1785
P	Phosphorus	1276
Zn	Zinc	1397
Mg	Magnesium	594
Ba	Barium	0
B	Boron	247
Sb	Antimony	0

ANTIFREEZE

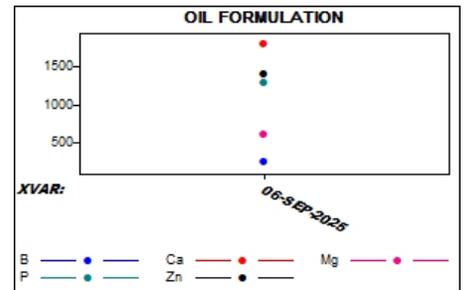
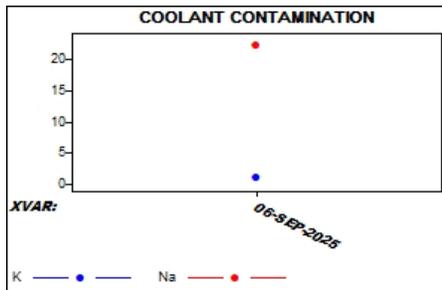
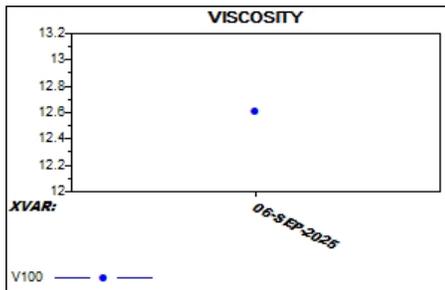
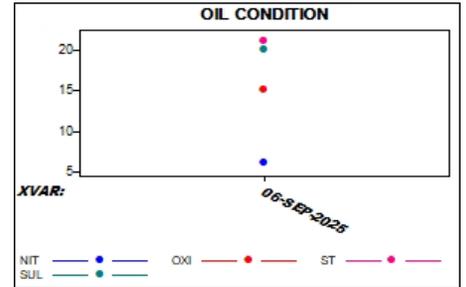
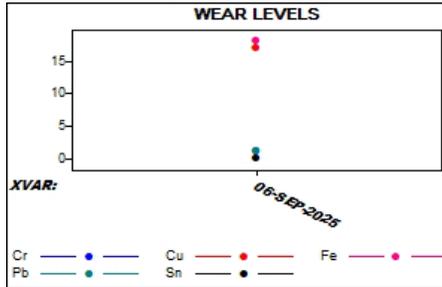
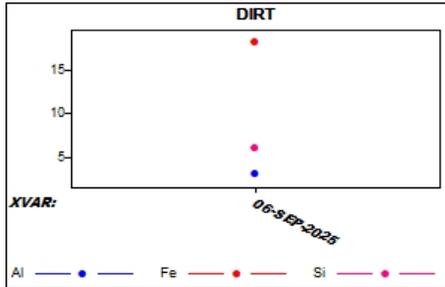
A	Antifreeze	N
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FUEL

F	Fuel	N
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FUEL CONTENT (%) ASTM D3524

PFc	Percent Fuel	1.20
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