

**MARINE GEAR PORT**

**EQUIP NUM: PORT**

**SERIAL NUMBER: PORT\_C7\_SBMDM**

**H430-55255-0716**

LABEL#: QC

SAMPLE SHIP TIME (days) : 6

**S.B. Marine Mechanic**

RECEIVED DATE: 12-Sep-25

**CAT C7 - ZF 280\_ZF**

**No Action Required**

UNKNOWN HOURS ON THE OIL. ALL TESTS APPEAR NORMAL. CONTINUE SAMPLING AT NORMAL INTERVAL.

Interp By: David Poteete

Interpreted On: 15-Sep-25

**SAMPLE INFORMATION**

Sampled Date	06-Sep-25
Sample Id	H430-55255-0716
Lab Date	12-Sep-25
Meter [Hr]	1760
Comp Meter [Hr]	1760
Meter On Fluid	
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	10.10
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**INFRARED (UFM) ASTM E2412**

ST	Soot	0
OXI	Oxidation	6
SUL	Sulfate By-Product	14
NIT	Nitration	3

**WATER**

W	Water	N
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**WEAR LEVELS / ADDITIVES**

06-Sep-25

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

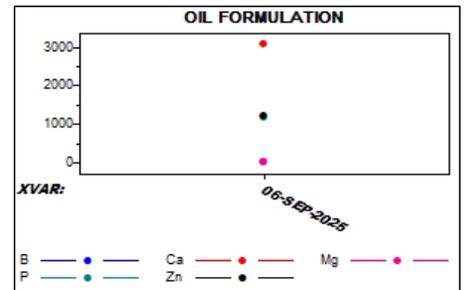
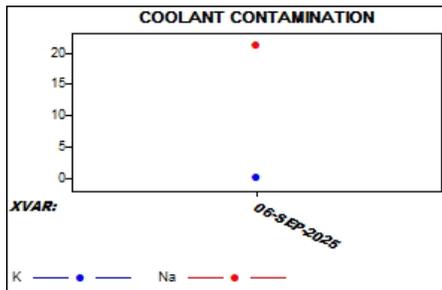
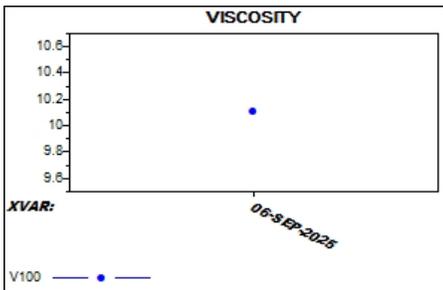
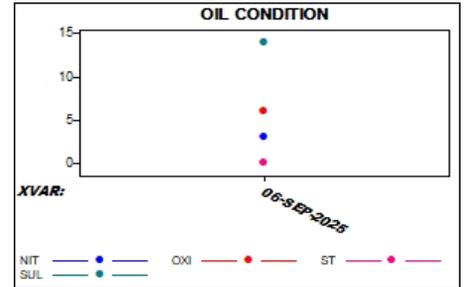
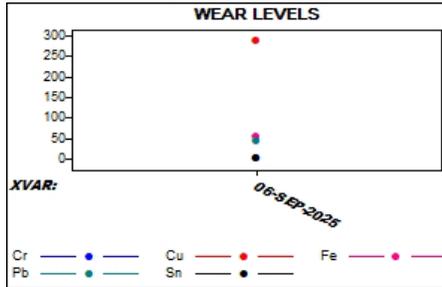
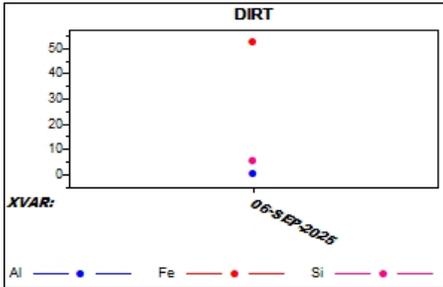
Cu	Copper	286
Fe	Iron	52
Cr	Chromium	0
Al	Aluminum	0
Pb	Lead	43
Sn	Tin	1
Si	Silicon	5
Na	Sodium	21
K	Potassium	0
Mo	Molybdenum	94
Ni	Nickel	1
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Ca	Calcium	3056
P	Phosphorus	1176
Zn	Zinc	1204
Mg	Magnesium	23
Ba	Barium	0
B	Boron	12
Sb	Antimony	0

**CLEANLINESS**

06-Sep-25

**PARTICLE COUNT - ISO 11171:1999 reported per ISO 4406**

ISO	ISO Code Rating	23/18/13
4µ	4µ	43920
6µ	6µ	1830
10µ	10µ	205
14µ	14µ	65
18µ	18µ	10
21µ	21µ	5
38µ	38µ	0
50µ	50µ	0



**Report Comment**

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