QUINN CAT

ENGINE MARINE PORT

EQUIP NUM: 805MDM

SERIAL NUMBER: PORT_805MDM

CUMMINS 6CTA8.3-M3

H430-55352-0903

LABEL#: QC

SAMPLE SHIP TIME (days) : 6

805 Marine Mechanic

RECEIVED DATE: 18-Dec-25

⚠️ Monitor Compartment

Interp By: Tony Finney

Interpreted On: 26-Dec-25

ALUMINUM IS ELEVATED AND MAY INDICATE PISTON WEAR. ALL OTHER ANALYSIS READINGS APPEAR NORMAL. MORE SAMPLE HISTORY NEEDED TO ESTABLISH A NORMAL WEAR TREND. CUT OPEN FILTER(S) AND INSPECT FOR DEBRIS. CHANGE OIL AND FILTER(S) AND RESAMPLE IN 10 HOURS TO MONITOR.

SAMPLE INFORMATION

⚠️

Sampled Date	12-Dec-25
Sample Id	H430-55352-0903
Lab Date	18-Dec-25
Meter [Hr]	2983
Comp Meter [Hr]	2983
Meter On Fluid	250
Fluid Brand	CHEVRON
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

12-Dec-25

VISCOSITY (CENTISTOKES) ASTM D445

V100	Viscosity at 100 C	12.40

INFRARED (UFM) ASTM E2412

ST	Soot	4
OXI	Oxidation	25
SUL	Sulfate By-Product	23
NIT	Nitration	10

WATER

W	Water	N

WEAR LEVELS / ADDITIVES

12-Dec-25

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

Cu	Copper	3
Fe	Iron	20
Cr	Chromium	1
Al	Aluminum	17
Pb	Lead	1
Sn	Tin	1
Si	Silicon	7
Na	Sodium	13
K	Potassium	0
Mo	Molybdenum	43
Ni	Nickel	2
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	1
Ca	Calcium	1925
P	Phosphorus	929
Zn	Zinc	974
Mg	Magnesium	607
Ba	Barium	1
B	Boron	74
Sb	Antimony	0

ANTIFREEZE

A	Antifreeze	N

FUEL

F	Fuel	N

FUEL CONTENT (%) ASTM D3524

PFc	Percent Fuel	5.06

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SERIAL NUMBER: PORT_805MDM

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H430-55352-0903

⚠️

Monitor Compartment

DIRT

WEAR LEVELS

OIL CONDITION

VISCOSITY

COOLANT CONTAMINATION

OIL FORMULATION
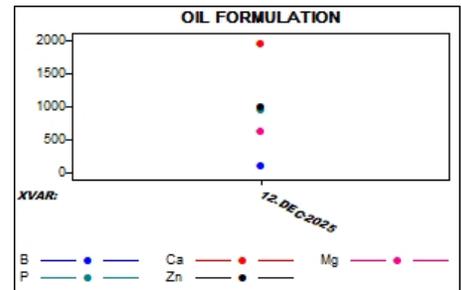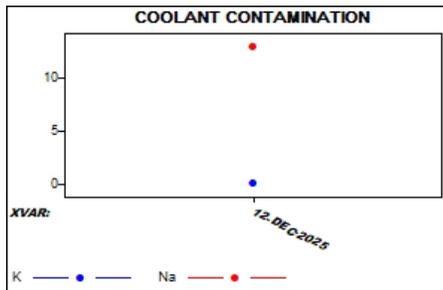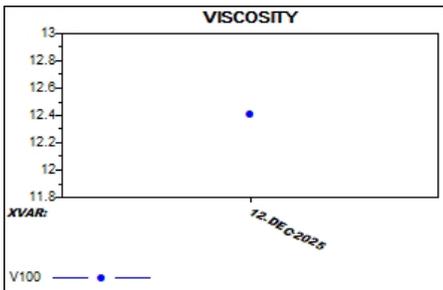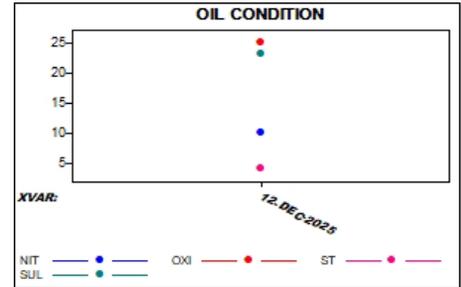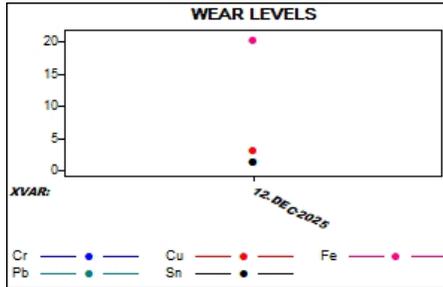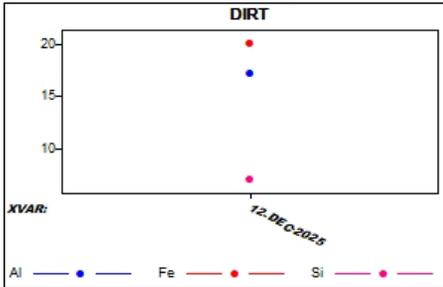
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Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or component thereof.