

ENGINE MARINE

EQUIP NUM: CUMMINS_805

SERIAL NUMBER: CUMMINS_805

H430-55301-0209

LABEL#: QC

SAMPLE SHIP TIME (days) : 7

S.B. Marine Mechanic

RECEIVED DATE: 28-Oct-25

CUMMINS 6BTA_CUMMINS
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: 28-Oct-25

SAMPLE INFORMATION

Sampled Date	21-Oct-25
Sample Id	H430-55301-0209
Lab Date	28-Oct-25
Meter [Hr]	297
Comp Meter [Hr]	297
Meter On Fluid	200
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

21-Oct-25

VISCOSITY (CENTISTOKES) ASTM D445

V100	Viscosity at 100 C	13.40
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INFRARED (UFM) ASTM E2412

ST	Soot	3
OXI	Oxidation	16
SUL	Sulfate By-Product	21
NIT	Nitration	7

WATER

W	Water	N
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WEAR LEVELS / ADDITIVES

21-Oct-25

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

Cu	Copper	14
Fe	Iron	49
Cr	Chromium	1
Al	Aluminum	2
Pb	Lead	0
Sn	Tin	1
Si	Silicon	11
Na	Sodium	10
K	Potassium	6
Mo	Molybdenum	18
Ni	Nickel	1
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Ca	Calcium	2430
P	Phosphorus	1373
Zn	Zinc	1412
Mg	Magnesium	100
Ba	Barium	0
B	Boron	236
Sb	Antimony	0

ANTIFREEZE

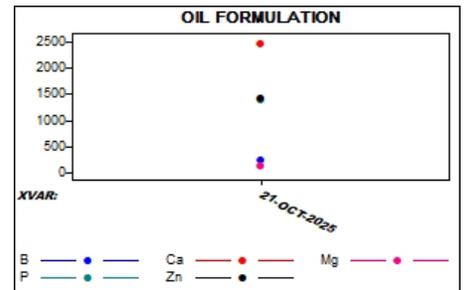
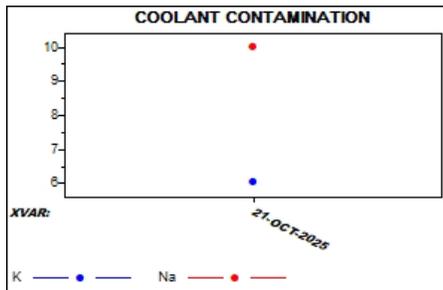
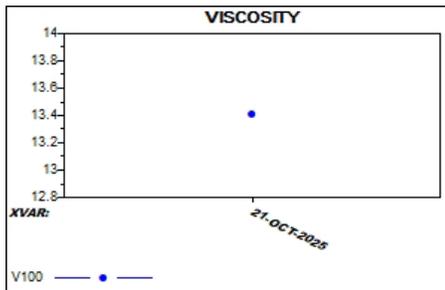
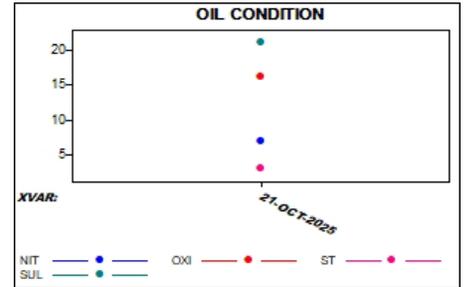
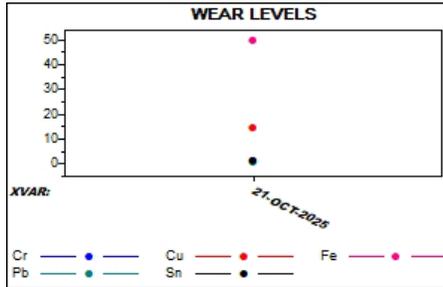
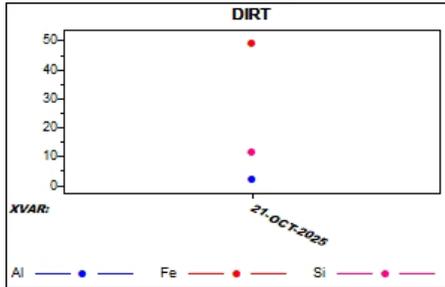
A	Antifreeze	N
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FUEL

F	Fuel	N
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FUEL CONTENT (%) ASTM D3524

PFc	Percent Fuel	2.37
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