

ENGINE MARINE PORT

EQUIP NUM: PORT_8V92TA_805MDM

SERIAL NUMBER: PORT_8V92TA_805MD

H430-56012-0219

LABEL#: QC

SAMPLE SHIP TIME (days) : 3

805 Marine Mechanic

RECEIVED DATE: 12-Jan-26

DETROIT 8V92TA

Action Required



IRON IS HIGH AND MAY INDICATE CYLINDER WEAR. TIN IS HIGH AND MAY INDICATE BEARING WEAR. POTASSIUM IS ELEVATED. NO GLYCOL OR WATER DETECTED. 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.

Interp By: Tony Finney

Interpreted On: 12-Jan-26

SAMPLE INFORMATION



Sampled Date	09-Jan-26
Sample Id	H430-56012-0219
Lab Date	12-Jan-26
Meter [Hr]	4668
Comp Meter [Hr]	4668
Meter On Fluid	250
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

09-Jan-26

VISCOSITY (CENTISTOKES) ASTM D445

V100	Viscosity at 100 C	15.50
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INFRARED (UFM) ASTM E2412

ST	Soot	45
OXI	Oxidation	11
SUL	Sulfate By-Product	17
NIT	Nitration	6

WATER

W	Water	N
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WEAR LEVELS / ADDITIVES

09-Jan-26

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

Cu	Copper	10
Fe	Iron	361
Cr	Chromium	7
Al	Aluminum	8
Pb	Lead	6
Sn	Tin	24
Si	Silicon	18
Na	Sodium	17
K	Potassium	40
Mo	Molybdenum	114
Ni	Nickel	1
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	1
Ca	Calcium	691
P	Phosphorus	1025
Zn	Zinc	1112
Mg	Magnesium	1039
Ba	Barium	0
B	Boron	155
Sb	Antimony	0

ANTIFREEZE

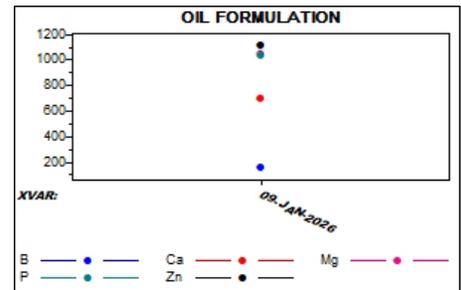
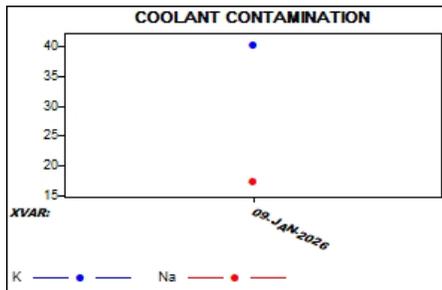
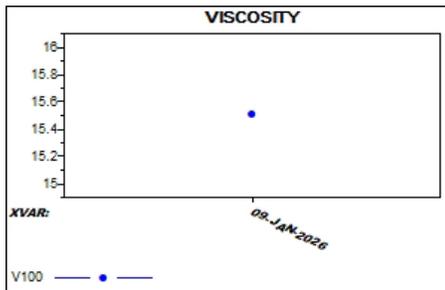
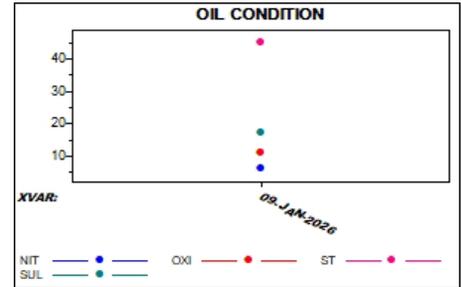
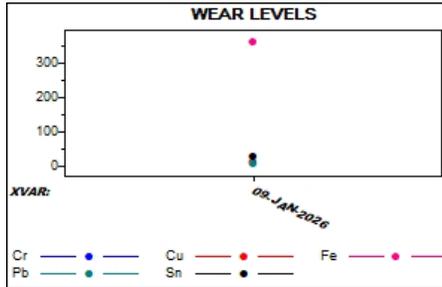
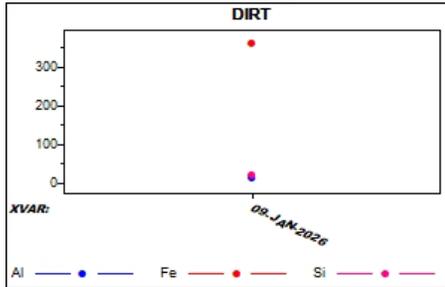
A	Antifreeze	N
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FUEL

F	Fuel	N
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FUEL CONTENT (%) ASTM D3524

PFc	Percent Fuel	0.9
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