

ENGINE MARINE

EQUIP NUM: STBD_6V92DETRODIESEL

SERIAL NUMBER: STBD_6V92DETRODIE

STARBOARD

DETROIT_DS 16V92_DETROIT_DS

Monitor Compartment



UNKNOWN HOURS ON THE OIL. IRON IS ELEVATED AND MAY INDICATE CYLINDER WEAR. 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.

Interp By: Tony Finney
Interpreted On: 21-Apr-26

H430-56110-4106

LABEL#: QC

SAMPLE SHIP TIME (days) : 3

805 Marine Mechanic

RECEIVED DATE: 20-Apr-26

SAMPLE INFORMATION



Sampled Date	17-Apr-26
Sample Id	H430-56110-4106
Lab Date	20-Apr-26
Meter [Hr]	3700
Comp Meter [Hr]	3700
Meter On Fluid	
Fluid Brand	CHEVRON
Fluid Weight	40
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

17-Apr-26

VISCOSITY (CENTISTOKES) ASTM D445

V100	Viscosity at 100 C	14.50
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INFRARED (UFM) ASTM E2412

ST	Soot	1
OXI	Oxidation	5
SUL	Sulfate By-Product	15
NIT	Nitration	4

WATER

W	Water	N
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WEAR LEVELS / ADDITIVES

17-Apr-26

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

Cu	Copper	9
Fe	Iron	117
Cr	Chromium	7
Al	Aluminum	16
Pb	Lead	5
Sn	Tin	5
Si	Silicon	6
Na	Sodium	13
K	Potassium	0
Mo	Molybdenum	26
Ni	Nickel	1
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Ca	Calcium	2170
P	Phosphorus	970
Zn	Zinc	1051
Mg	Magnesium	34
Ba	Barium	0
B	Boron	24
Sb	Antimony	0

ANTIFREEZE

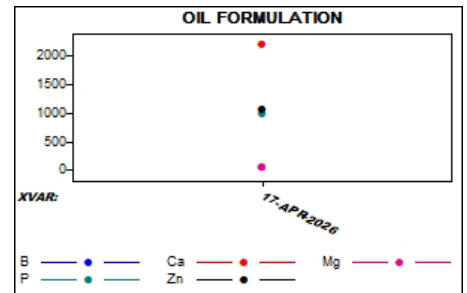
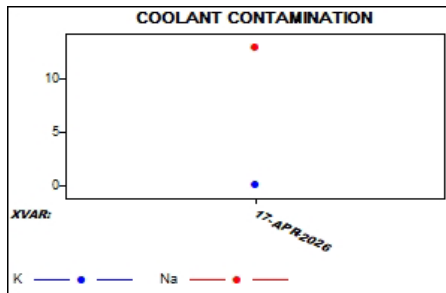
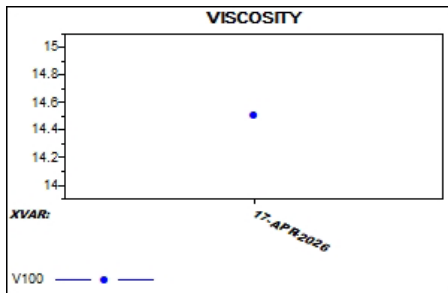
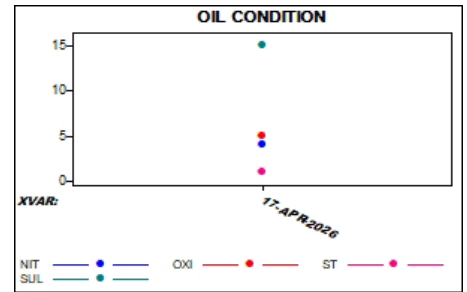
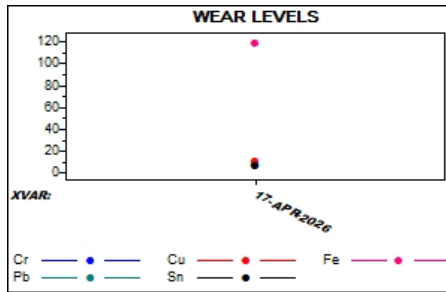
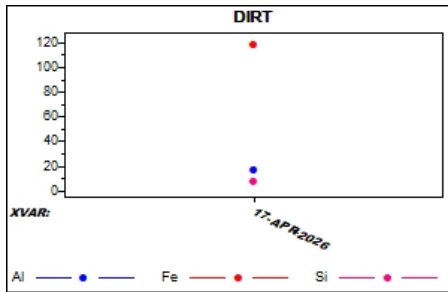
A	Antifreeze	N
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FUEL

F	Fuel	N
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FUEL CONTENT (%) ASTM D3524

PFc	Percent Fuel	0.7
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Report Comment

February 27, 2026, SOS Web functionality will transition to VisionLink®. Begin the transition to VisionLink now - Sign up or log in to vlcat.com to update your settings, manage your fleet, configure your jobsites (groups) and notifications. Once the transition occurs on February 27, 2026, the following functionality will be available in VisionLink: submit samples, track samples, view and graph sample history, and view/download reports. SOS Web will no longer be available on March 2, 2026.