

MARINE GEAR PORT

EQUIP NUM: 805MM_H520AE_PORT

SERIAL NUMBER: 805MM_H520AE_PORT

H430-56140-0120

LABEL#: QC

SAMPLE SHIP TIME (days) : 2

805 Marine Mechanic

RECEIVED DATE: 20-May-26

VOLVO_PENT H520AE

No Action Required

UNKNOWN HOURS ON THE OIL. 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: 20-May-26

SAMPLE INFORMATION

Sampled Date	18-May-26
Sample Id	H430-56140-0120
Lab Date	20-May-26
Meter [Hr]	0
Comp Meter [Hr]	0
Meter On Fluid	0
Fluid Brand	OTHER
Fluid Weight	
Fluid Type	ATF
Fluid Change	U
Filter Change	U
Kidney Loop	U
Total Fluid Added	0

For additional sample history, go to:

[S.O.S WEB](#)

CONDITION / CONTAMINATION

18-May-26

VISCOSITY (CENTISTOKES) ASTM D445		
V100	Viscosity at 100 C	6.200

INFRARED (UFM) ASTM E2412		
ST	Soot	0
OXI	Oxidation	9
SUL	Sulfate By-Product	17
NIT	Nitration	3

WATER		
W	Water	N

WEAR LEVELS / ADDITIVES

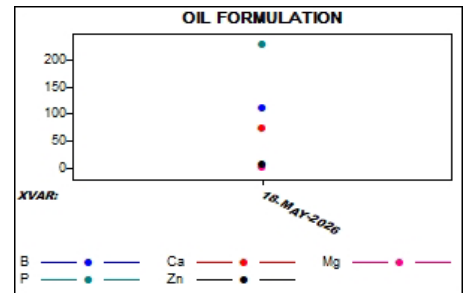
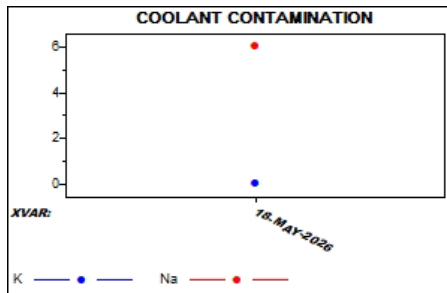
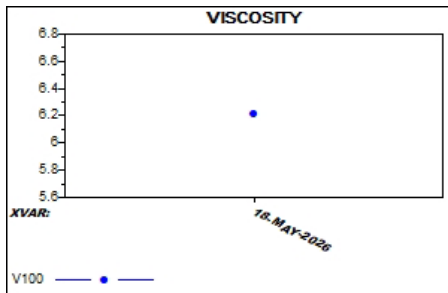
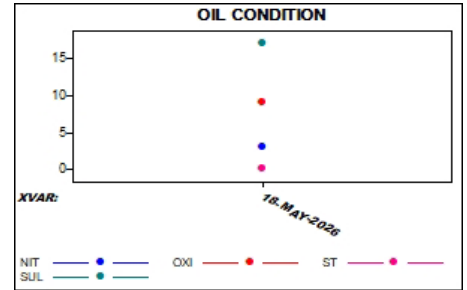
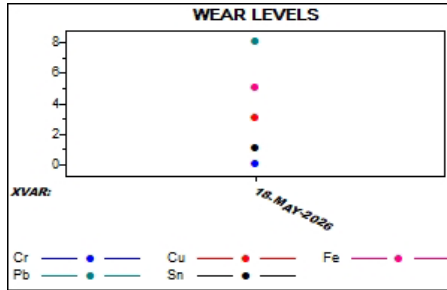
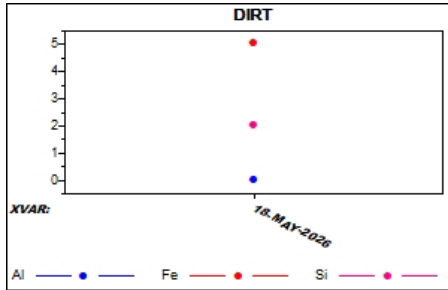
18-May-26

ELEMENTAL ANALYSIS (PPM) ASTM D5185 [OIL] / ASTM D6130 [COOLANT]		
Cu	Copper	3
Fe	Iron	5
Cr	Chromium	0
Al	Aluminum	0
Pb	Lead	8
Sn	Tin	1
Si	Silicon	2
Na	Sodium	6
K	Potassium	0
Mo	Molybdenum	0
Ni	Nickel	0
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Ca	Calcium	72
P	Phosphorus	225
Zn	Zinc	6
Mg	Magnesium	1
Ba	Barium	0
B	Boron	108
Sb	Antimony	0

CLEANLINESS

18-May-26

PARTICLE COUNT - ISO 11171:1999 reported per ISO 4406		
ISO	ISO Code Rating	24/21/16
4µ	4µ	83185
6µ	6µ	13370
10µ	10µ	2275
14µ	14µ	580
18µ	18µ	180
21µ	21µ	85
38µ	38µ	5
50µ	50µ	5



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.