

MARINE GEAR

EQUIP NUM: 805MM_H520AE_STBD

SERIAL NUMBER: 805MM_H520AE_STBD

STARBOARD

VOLVO_PENT H520AE

No Action Required

Interp By: Tony Finney
Interpreted On: 20-May-26

H430-56140-0119
LABEL#: QC
SAMPLE SHIP TIME (days) : 2
805 Marine Mechanic
RECEIVED DATE: 20-May-26

UNKNOWN HOURS ON THE OIL. ALL TESTS APPEAR NORMAL. MORE SAMPLE HISTORY NEEDED TO ESTABLISH A NORMAL WEAR TREND. CONTINUE SAMPLING AT NORMAL INTERVAL.

SAMPLE INFORMATION

Sampled Date	18-May-26
Sample Id	H430-56140-0119
Lab Date	20-May-26
Meter [Hr]	382
Comp Meter [Hr]	382
Meter On Fluid	
Fluid Brand	OTHER
Fluid Weight	
Fluid Type	ATF
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

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

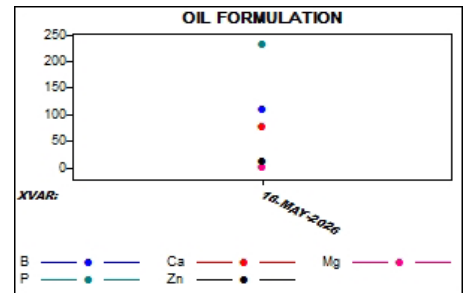
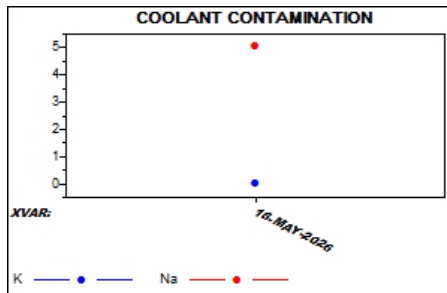
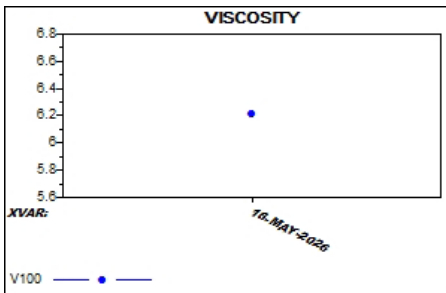
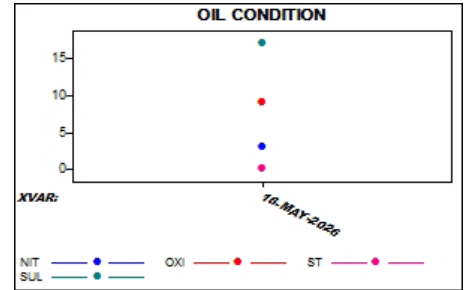
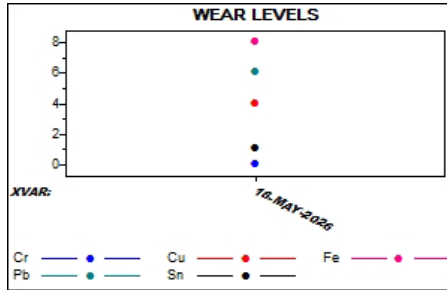
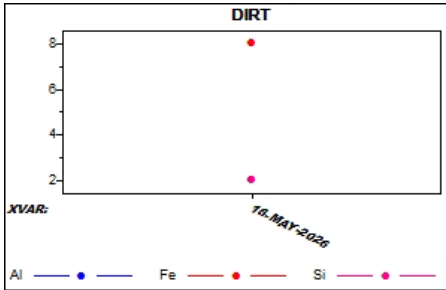
18-May-26

ELEMENTAL ANALYSIS (PPM) ASTM D5185 [OIL] / ASTM D6130 [COOLANT]		
Cu	Copper	4
Fe	Iron	8
Cr	Chromium	0
Al	Aluminum	2
Pb	Lead	6
Sn	Tin	1
Si	Silicon	2
Na	Sodium	5
K	Potassium	0
Mo	Molybdenum	0
Ni	Nickel	1
Ag	Silver	2
Ti	Titanium	0
V	Vanadium	0
Ca	Calcium	74
P	Phosphorus	229
Zn	Zinc	11
Mg	Magnesium	0
Ba	Barium	1
B	Boron	109
Sb	Antimony	0

CLEANLINESS

18-May-26

PARTICLE COUNT - ISO 11171:1999 reported per ISO 4406		
ISO	ISO Code Rating	23/20/16
4µ	4µ	79370
6µ	6µ	9895
10µ	10µ	1295
14µ	14µ	390
18µ	18µ	180
21µ	21µ	120
38µ	38µ	15
50µ	50µ	0



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.