

MARINE GEAR MAIN

EQUIP NUM: 805 MARINE MECH

SERIAL NUMBER: NOSNMG_805

H430-55335-5004

LABEL#: QC

SAMPLE SHIP TIME (days) : 0

S.B. Marine Mechanic

RECEIVED DATE: 01-Dec-25

**VOLVO OUTDRIVE_VOLVO
Action Required**



UNKNOWN HOURS ON THE OIL. POSITIVE WATER IN SAMPLE. IRON IS ELEVATED AND MAY INDICATE GEAR / BEARING WEAR. MORE SAMPLE HISTORY NEEDED TO ESTABLISH A NORMAL WEAR TREND. INSPECT FOR SOURCE OF WATER ENTRY INTO THE SYSTEM. CHANGE OIL AND FILTER(S) AND RESAMPLE IN 10 HOURS TO MONITOR.

**Interp By: Tony Finney
Interpreted On: 01-Dec-25**

SAMPLE INFORMATION



Sampled Date	01-Dec-25
Sample Id	H430-55335-5004
Lab Date	01-Dec-25
Meter [Hr]	501
Comp Meter [Hr]	501
Meter On Fluid	250
Fluid Brand	CHEVRON
Fluid Weight	75W-90
Fluid Type	DELO
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

01-Dec-25

VISCOSITY (CENTISTOKES) ASTM D445

V100	Viscosity at 100 C	0.000
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INFRARED (UFM) ASTM E2412

ST	Soot	1
OXI	Oxidation	7
SUL	Sulfate By-Product	23
NIT	Nitration	5

WATER

W	Water	P
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WEAR LEVELS / ADDITIVES

01-Dec-25

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

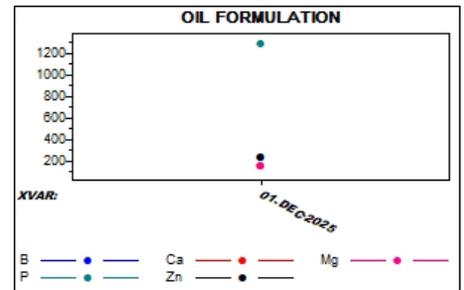
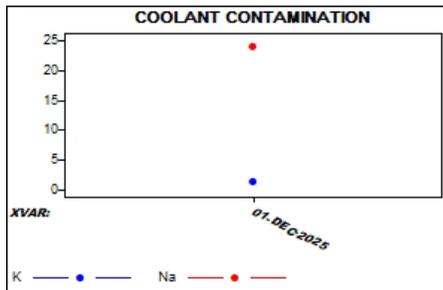
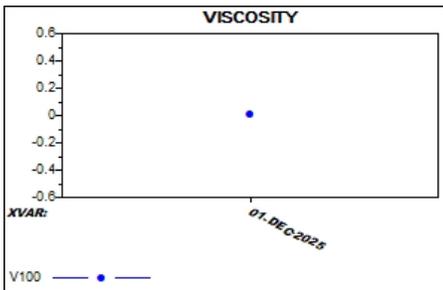
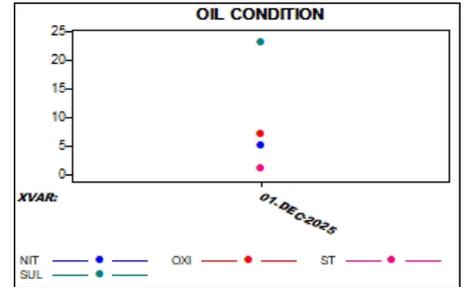
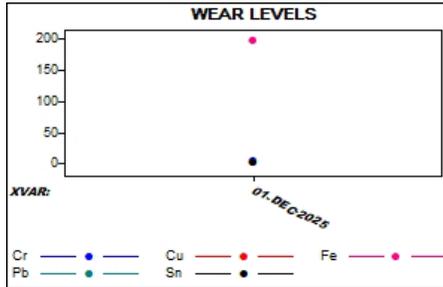
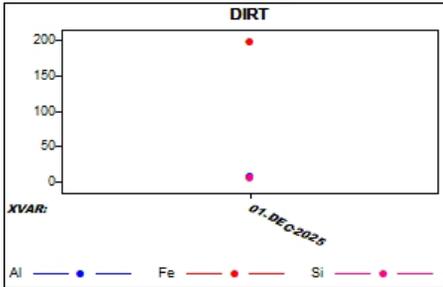
Cu	Copper	1
Fe	Iron	195
Cr	Chromium	3
Al	Aluminum	6
Pb	Lead	1
Sn	Tin	0
Si	Silicon	3
Na	Sodium	24
K	Potassium	1
Mo	Molybdenum	8
Ni	Nickel	10
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Ca	Calcium	146
P	Phosphorus	1269
Zn	Zinc	221
Mg	Magnesium	138
Ba	Barium	1
B	Boron	220
Sb	Antimony	1

CLEANLINESS

01-Dec-25

PARTICLE COUNT - ISO 11171:1999 reported per ISO 4406

ISO	ISO Code Rating	H20
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Report Comment

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