

MARINE GEAR

EQUIP NUM: 805MDM

SERIAL NUMBER: STBD_805MDM

STARBOARD

CUMMINS 6CTA8.3-M3 - ZF IRM301A.2_Z

No Action Required

**Interp By: Tony Finney
Interpreted On: 26-Dec-25**

H430-55352-0518

LABEL#: QC

SAMPLE SHIP TIME (days) : 6

805 Marine Mechanic

RECEIVED DATE: 18-Dec-25

ALL TESTS APPEAR NORMAL. MORE SAMPLE HISTORY NEEDED TO ESTABLISH A NORMAL WEAR TREND. CONTINUE SAMPLING AT NORMAL INTERVAL.

SAMPLE INFORMATION

Sampled Date	12-Dec-25
Sample Id	H430-55352-0518
Lab Date	18-Dec-25
Meter [Hr]	2985
Comp Meter [Hr]	2985
Meter On Fluid	250
Fluid Brand	CHEVRON
Fluid Weight	30
Fluid Type	
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

12-Dec-25

VISCOSITY (CENTISTOKES) ASTM D445		
V100	Viscosity at 100 C	10.70

INFRARED (UFM) ASTM E2412		
ST	Soot	0
OXI	Oxidation	6
SUL	Sulfate By-Product	16
NIT	Nitration	4

WATER		
W	Water	N

WEAR LEVELS / ADDITIVES

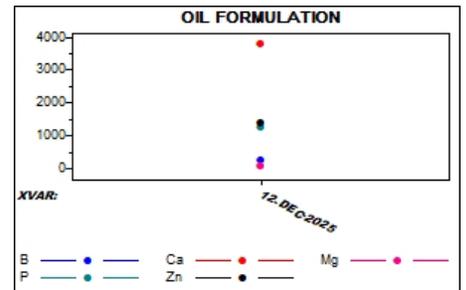
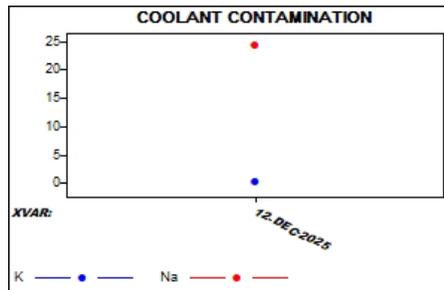
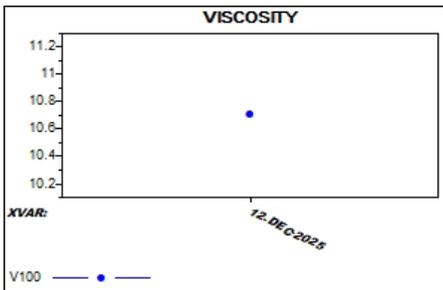
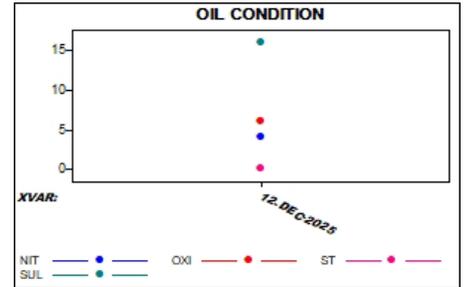
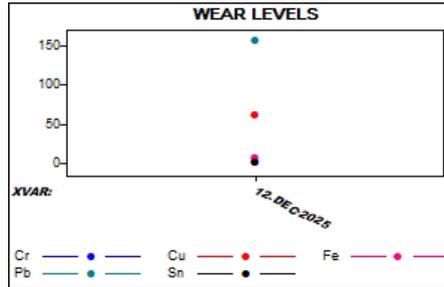
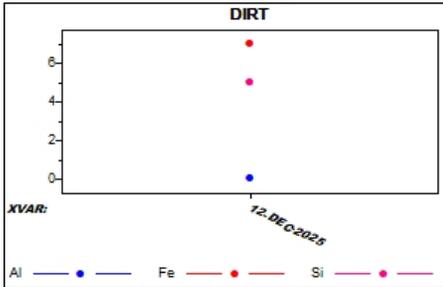
12-Dec-25

ELEMENTAL ANALYSIS (PPM) ASTM D5185 [OIL] / ASTM D6130 [COOLANT]		
Cu	Copper	61
Fe	Iron	7
Cr	Chromium	0
Al	Aluminum	0
Pb	Lead	154
Sn	Tin	1
Si	Silicon	5
Na	Sodium	24
K	Potassium	0
Mo	Molybdenum	23
Ni	Nickel	0
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Ca	Calcium	3740
P	Phosphorus	1208
Zn	Zinc	1364
Mg	Magnesium	21
Ba	Barium	0
B	Boron	218
Sb	Antimony	0

CLEANLINESS

12-Dec-25

PARTICLE COUNT - ISO 11171:1999 reported per ISO 4406		
ISO	ISO Code Rating	20/17/13
4µ	4µ	7150
6µ	6µ	1175
10µ	10µ	190
14µ	14µ	45
18µ	18µ	25
21µ	21µ	10
38µ	38µ	0
50µ	50µ	0



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