QUINN CAT

MARINE GEAR PORT

EQUIP NUM: 805MDM

SERIAL NUMBER: PORT_805MDM

H430-55352-0519

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

LABEL#: QC

✓ **No Action Required**

Interp By: Tony Finney

SAMPLE SHIP TIME (days) : 14

Interpreted On: 26-Dec-25

805 Marine Mechanic

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

RECEIVED DATE: 18-Dec-25

SAMPLE INFORMATION

✓

Sampled Date	04-Dec-25
Sample Id	H430-55352-0519
Lab Date	18-Dec-25
Meter [Hr]	0
Comp Meter [Hr]	0
Meter On Fluid	0
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

04-Dec-25

VISCOSITY (CENTISTOKES) ASTM D445

V100	Viscosity at 100 C	10.70

INFRARED (UFM) ASTM E2412

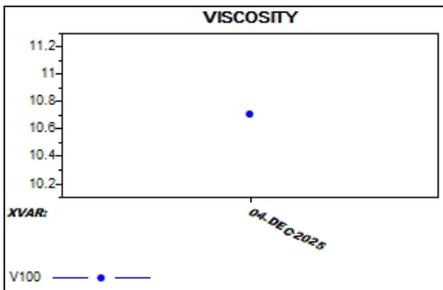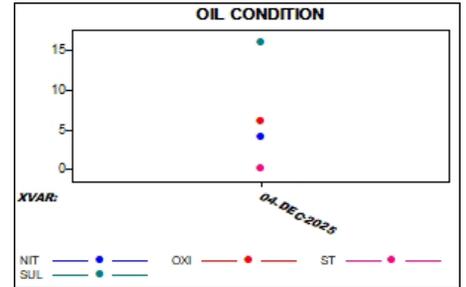|		
ST	Soot	0
OXI	Oxidation	6
SUL	Sulfate By-Product	16
NIT	Nitration	4

WATER

W	Water	N

WEAR LEVELS / ADDITIVES

04-Dec-25

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

Cu	Copper	63
Fe	Iron	14
Cr	Chromium	0
Al	Aluminum	0
Pb	Lead	158
Sn	Tin	0
Si	Silicon	6
Na	Sodium	22
K	Potassium	0
Mo	Molybdenum	23
Ni	Nickel	0
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Ca	Calcium	3751
P	Phosphorus	1216
Zn	Zinc	1360
Mg	Magnesium	18
Ba	Barium	0
B	Boron	218
Sb	Antimony	0

CLEANLINESS

04-Dec-25

PARTICLE COUNT - ISO 11171:1999 reported per ISO 4406

ISO	ISO Code Rating	21/18/13
4µ	4µ	10800
6µ	6µ	1375
10µ	10µ	255
14µ	14µ	80
18µ	18µ	55
21µ	21µ	25
38µ	38µ	5
50µ	50µ	5

MARINE GEAR PORT

SERIAL NUMBER: PORT_805MDM

EQUIP NUM: 805MDM

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

H430-55352-0519

✔

No Action Required

DIRT

WEAR LEVELS

OIL CONDITION

VISCOSITY

COOLANT CONTAMINATION

OIL FORMULATION
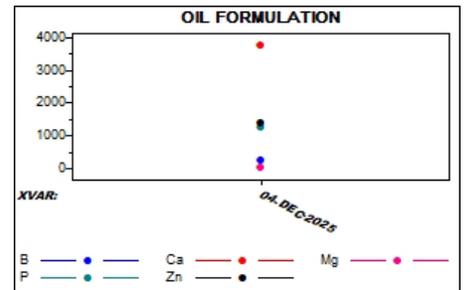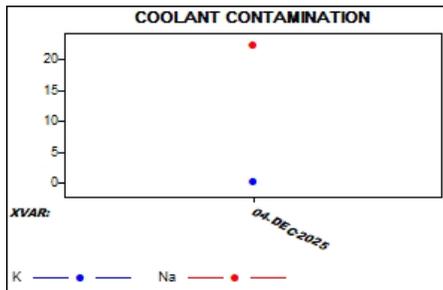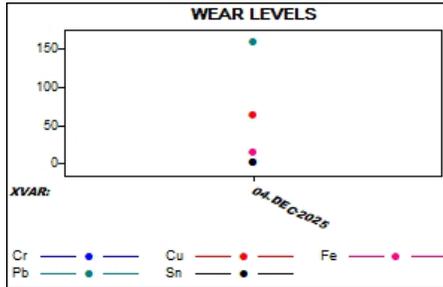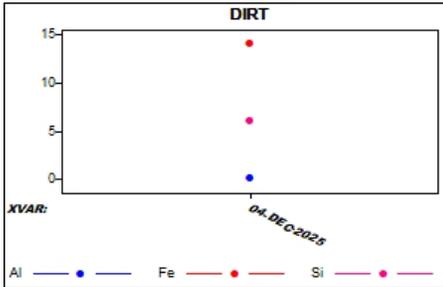
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Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or component thereof.