

ENGINE MARINE PORT

**EQUIP NUM: CLEONE_PORT
CUMMINS QMS11**

SERIAL NUMBER: CLEONE_PORT

H430-55196-0237

LABEL#: QC

SAMPLE SHIP TIME (days) : 5

S.B. Marine Mechanic

RECEIVED DATE: 15-Jul-25



Action Required

POSITIVE WATER IN SAMPLE. 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: 15-Jul-25**

SAMPLE INFORMATION



| | |
|-------------------|-----------------|
| Sampled Date | 10-Jul-25 |
| Sample Id | H430-55196-0237 |
| Lab Date | 15-Jul-25 |
| Meter [Hr] | 2500 |
| Comp Meter [Hr] | 2500 |
| Meter On Fluid | 10 |
| Fluid Brand | CHEVRON |
| Fluid Weight | 15W-40 |
| 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

10-Jul-25

VISCOSITY (CENTISTOKES) ASTM D445

| | | |
|------|--------------------|-------|
| V100 | Viscosity at 100 C | 15.50 |
|------|--------------------|-------|

INFRARED (UFM) ASTM E2412

| | | |
|-----|--------------------|----|
| ST | Soot | 2 |
| OXI | Oxidation | 15 |
| SUL | Sulfate By-Product | 21 |
| NIT | Nitration | 6 |

WATER

| | | |
|---|-------|---|
| W | Water | P |
|---|-------|---|

WEAR LEVELS / ADDITIVES

10-Jul-25

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

| | | |
|----|------------|------|
| Cu | Copper | 3 |
| Fe | Iron | 34 |
| Cr | Chromium | 0 |
| Al | Aluminum | 0 |
| Pb | Lead | 0 |
| Sn | Tin | 0 |
| Si | Silicon | 3 |
| Na | Sodium | 6 |
| K | Potassium | 0 |
| Mo | Molybdenum | 52 |
| Ni | Nickel | 0 |
| Ag | Silver | 0 |
| Ti | Titanium | 0 |
| V | Vanadium | 1 |
| Ca | Calcium | 1329 |
| P | Phosphorus | 1187 |
| Zn | Zinc | 1201 |
| Mg | Magnesium | 1115 |
| Ba | Barium | 0 |
| B | Boron | 82 |
| Sb | Antimony | 0 |

ANTIFREEZE

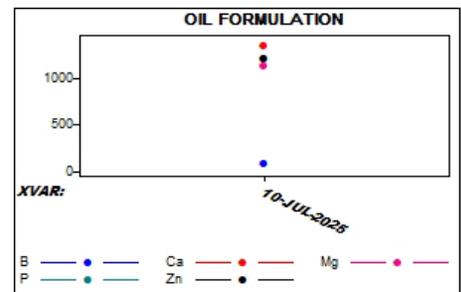
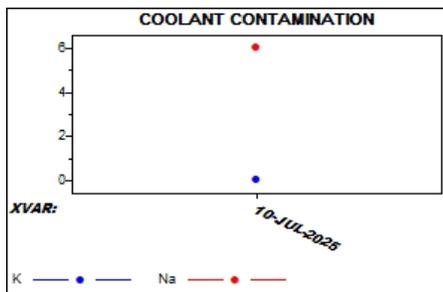
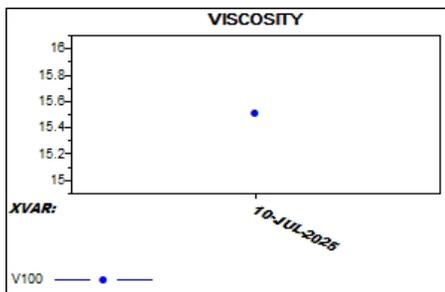
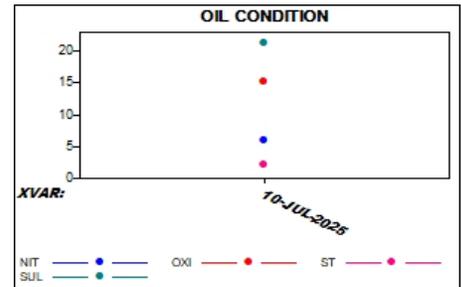
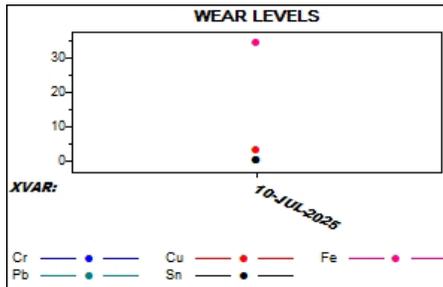
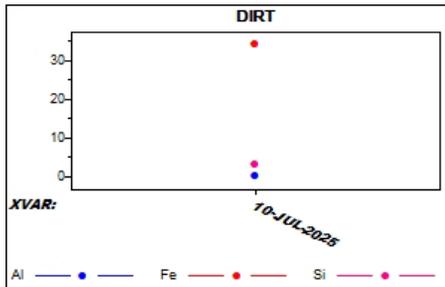
| | | |
|---|------------|---|
| A | Antifreeze | N |
|---|------------|---|

FUEL

| | | |
|---|------|---|
| F | Fuel | N |
|---|------|---|

FUEL CONTENT (%) ASTM D3524

| | | |
|-----|--------------|------|
| PFc | Percent Fuel | 1.00 |
|-----|--------------|------|



Report Comment

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