

ENGINE MARINE

EQUIP NUM: AANDEEL

SERIAL NUMBER: E23933

YANMAR 4JH4-HTE
No Action Required

Interp By: Tony Finney
Interpreted On: 17-Jan-24

H430-54017-4101
 LABEL#: QC
 SAMPLE SHIP TIME (days) : 7
BUNKER A. HILL MARINE
SURVEYOR LLC
 RECEIVED DATE: 17-Jan-24

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

SAMPLE INFORMATION

| | |
|-------------------|-----------------|
| Sampled Date | 10-Jan-24 |
| Sample Id | H430-54017-4101 |
| Lab Date | 17-Jan-24 |
| Meter [Hr] | 546 |
| Comp Meter [Hr] | 546 |
| Meter On Fluid | 26 |
| Fluid Brand | |
| Fluid Weight | |
| 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-Jan-24

VISCOSITY (CENTISTOKES) ASTM D445

| | | |
|------|--------------------|-------|
| V100 | Viscosity at 100 C | 14.80 |
|------|--------------------|-------|

INFRARED (UFM) ASTM E2412

| | | |
|-----|-----------------|----|
| ST | Soot | 0 |
| OXI | Oxidation | 13 |
| SUL | Sulfur Products | 17 |
| NIT | Nitration | 7 |

WATER

| | | |
|---|-------|---|
| W | Water | N |
|---|-------|---|

WEAR LEVELS / ADDITIVES

10-Jan-24

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

| | | |
|----|------------|------|
| Cu | Copper | 1 |
| Fe | Iron | 11 |
| Cr | Chromium | 0 |
| Al | Aluminum | 0 |
| Pb | Lead | 0 |
| Sn | Tin | 0 |
| Si | Silicon | 14 |
| Na | Sodium | 4 |
| K | Potassium | 0 |
| Mo | Molybdenum | 106 |
| Ni | Nickel | 0 |
| Ag | Silver | 0 |
| Ti | Titanium | 0 |
| V | Vanadium | 0 |
| Ca | Calcium | 2556 |
| P | Phosphorus | 1318 |
| Zn | Zinc | 1400 |
| Mg | Magnesium | 139 |
| Ba | Barium | 0 |
| B | Boron | 80 |
| Sb | Antimony | 0 |

ANTIFREEZE

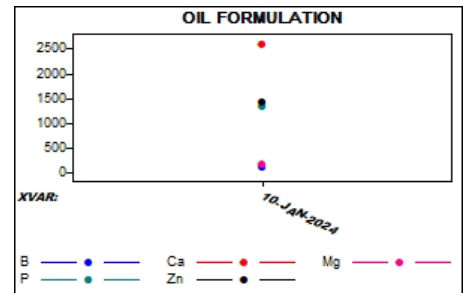
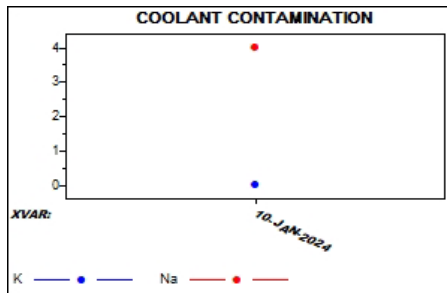
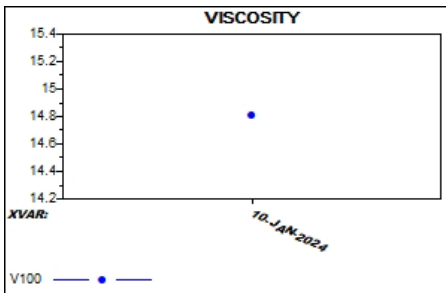
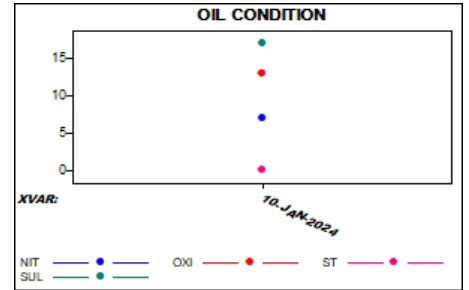
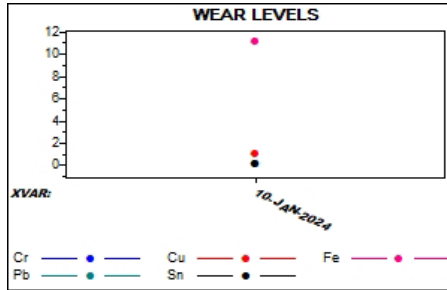
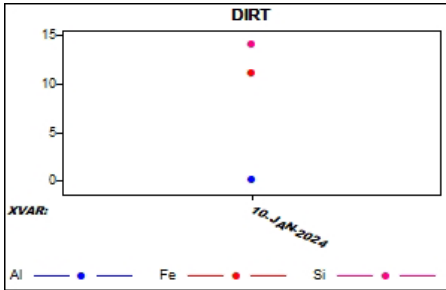
| | | |
|---|------------|---|
| A | Antifreeze | N |
|---|------------|---|

FUEL

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

FUEL CONTENT (%) ASTM D3524

| | | |
|-----|--------------|------|
| PFC | Percent Fuel | 0.86 |
|-----|--------------|------|



Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJVUrs>