



ENGINE **EQUIP NUM: Y5821** **SERIAL NUMBER: Y5821**


T210-54249-2112

SAMPLE SHIP TIME (days) : 2

GENERAL MARINE

SERVICES (GMS)

RECEIVED DATE: 05-Sep-24

ISUZU 4BB1_ISUZU
 **No Action Required**

Interp By: Vipin X George
Interpreted On: 06-Sep-24

The compartment wear levels and oil condition appear acceptable. Continue to sample at regular intervals to monitor trends. A minimum of three samples are required for effective wear trending analysis. oilab@terraanalytical.co.nz (0800 645 522) for lat inquiries.

SAMPLE INFORMATION



| | |
|-------------------|-----------------|
| Sampled Date | 03-Sep-24 |
| Sample Id | T210-54249-2112 |
| Lab Date | 05-Sep-24 |
| Meter [Hr] | 3136 |
| Meter On Fluid | 50 |
| Fluid Brand | VERTEX |
| Fluid Weight | 40 |
| Fluid Type | SAE 40 |
| Fluid Change | N |
| Filter Change | N |
| Total Fluid Added | 0 |

PREVIOUS SAMPLE

For additional sample history, go to: [S.O.S WEB](#)

CONDITION-CONTAMINATION-FORMULATION

03-Sep-24

FTIR (UFM) JOAP

| | | |
|-----|-----------------|----|
| ST | Soot | 0 |
| OXI | Oxidation | 7 |
| SUL | Sulfur Products | 14 |
| NIT | Nitration | 5 |

PQ (Index) ASTM D8184

| | | |
|-----|----------|---|
| PQI | PQ Index | 3 |
|-----|----------|---|

Water (%) IN HOUSE

| | | |
|-------|---------|---|
| Water | Water % | 0 |
|-------|---------|---|

ELEMENTAL ANALYSIS

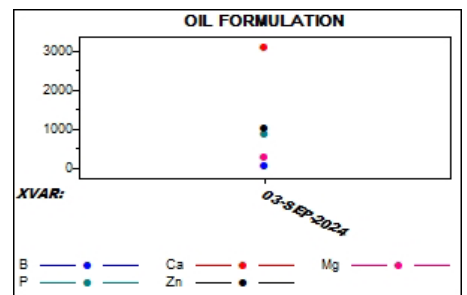
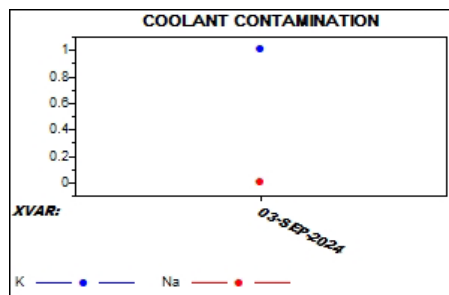
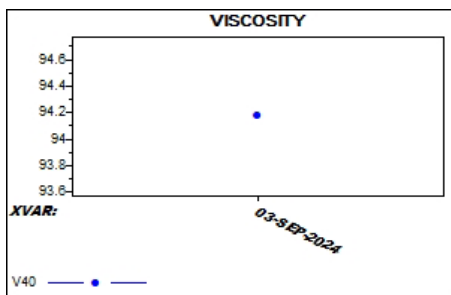
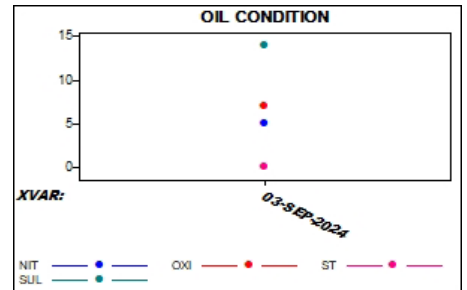
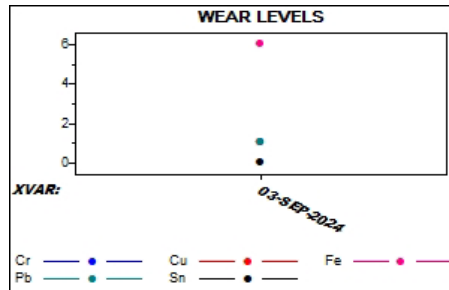
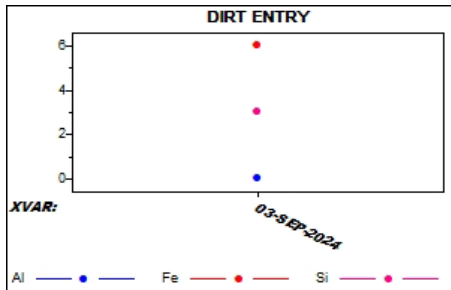
03-Sep-24

ICP (ppm) ASTM D5185

| | | |
|----|------------|------|
| Ag | Silver | 0 |
| Al | Aluminum | 0 |
| B | Boron | 39 |
| Ba | Barium | 0 |
| Cd | Cadmium | 0 |
| Cr | Chromium | 1 |
| Cu | Copper | 1 |
| Fe | Iron | 6 |
| K | Potassium | 1 |
| Li | Lithium | 0 |
| Mn | Manganese | 0 |
| Mo | Molybdenum | 30 |
| Na | Sodium | 0 |
| Ni | Nickel | 0 |
| Pb | Lead | 1 |
| Si | Silicon | 3 |
| Sn | Tin | 0 |
| Ti | Titanium | 0 |
| V | Vanadium | 0 |
| Ca | Calcium | 3050 |
| Mg | Magnesium | 257 |
| P | Phosphorus | 846 |
| Zn | Zinc | 995 |

Viscosity (Centistokes) ASTM D445 / 7279

| | | |
|-----|-------------------|-------|
| V40 | Viscosity at 40 C | 94.17 |
|-----|-------------------|-------|



Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJIVrs>