



CONSTRUCTION EQUIPMENT

688083 VOLVO A30G 753001 - WET DISC BRAKE



Sample No: VCP438334
Oil Type: VOLVO WB 102
Job No: 688083



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP438334 | VCP445976 | VCP431811 | VCP421057 |
| Sample Date | 14 Mar 2024 | 14 Feb 2024 | 12 Dec 2023 | 18 Jul 2023 |
| Machine Hours | 2474 | 2293 | 1980 | 999 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | Not Chngd | Not Chngd | Not Chngd | Not Chngd |
| Sample Status | NORMAL | ABNORMAL | NORMAL | ATTENTION |

BLUE GOOSE GROWERS
 16059 W ORANGE AVE
 FT PIERCE, FL
 US 34945
 Contact: SERVICE MANAGER



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|-----|------|-----|
| Visc @ 40°C | cSt | 45.5 | 327 | 45.5 | 342 |
|-------------|-----|-------------|-----|------|-----|

T: (772)461-3020
 F:



CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|-----------|-----|-----|-----|
| Silicon | ppm | 13 | 2 | 13 | 12 |
| Sodium | ppm | 1 | 0 | 4 | 3 |
| Potassium | ppm | 5 | 0 | 0 | 3 |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|----|----|
| Iron | ppm | 14 | 67 | 11 | 8 |
| Copper | ppm | 71 | 2 | 62 | 25 |
| Lead | ppm | <1 | 0 | 2 | 0 |
| Tin | ppm | <1 | 0 | 0 | 0 |
| Aluminum | ppm | 2 | 3 | 0 | <1 |
| Chromium | ppm | <1 | <1 | 0 | 0 |
| Molybdenum | ppm | <1 | 6 | 0 | <1 |
| Nickel | ppm | <1 | <1 | 0 | 0 |
| Titanium | ppm | <1 | <1 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | <1 | <1 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|-------------|-----|------|------|
| Calcium | ppm | 3155 | 53 | 3344 | 4120 |
| Magnesium | ppm | 13 | <1 | 14 | 19 |
| Zinc | ppm | 1346 | 15 | 1404 | 1656 |
| Phosphorus | ppm | 1150 | 961 | 1301 | 1369 |
| Barium | ppm | 0 | 0 | 0 | <1 |
| Boron | ppm | 104 | 177 | 116 | 126 |

Depot: BLUFOR
Unique No: 10936887
Signed: Jonathan Hester
Report Date: 21 Mar 2024

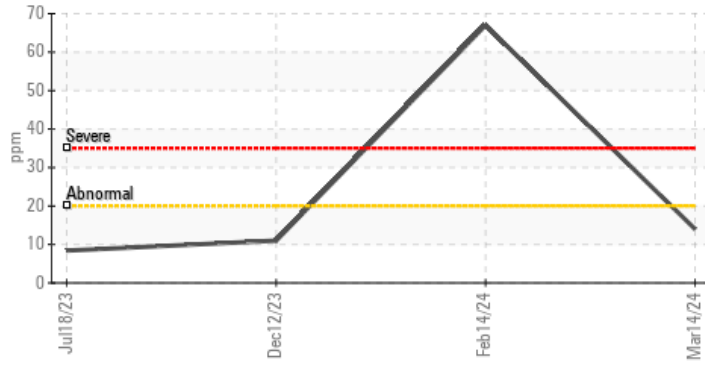


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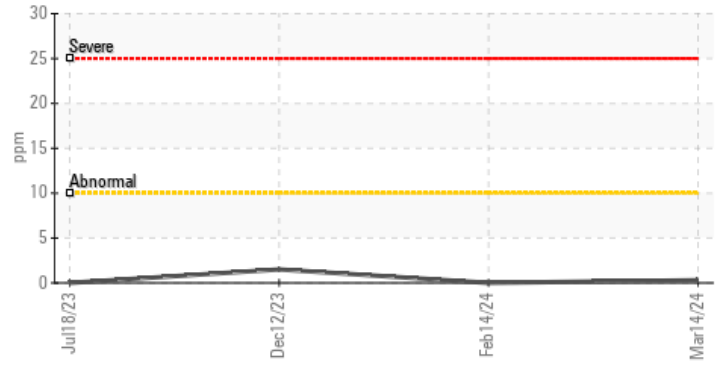


GRAPHS

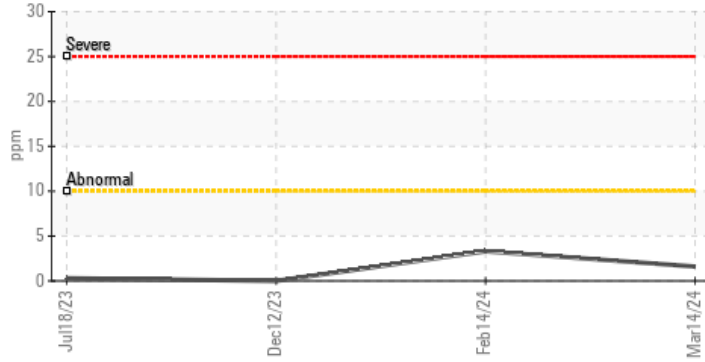
Iron (ppm)



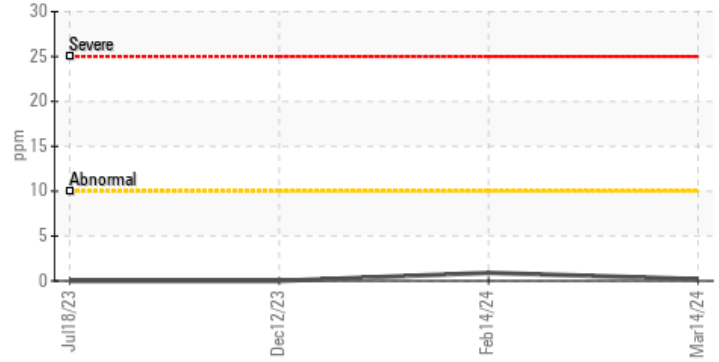
Lead (ppm)



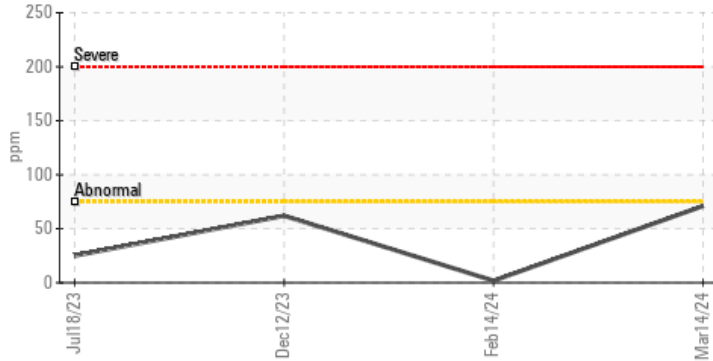
Aluminum (ppm)



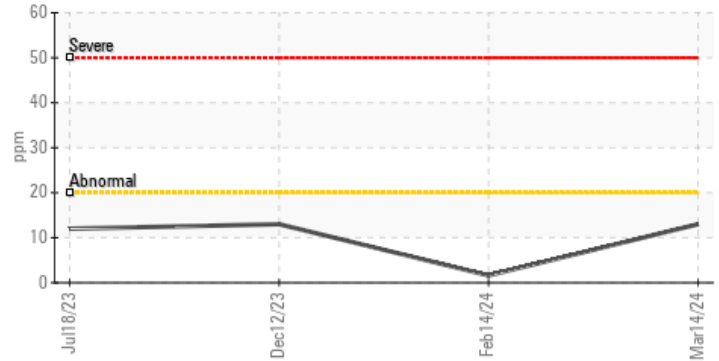
Chromium (ppm)



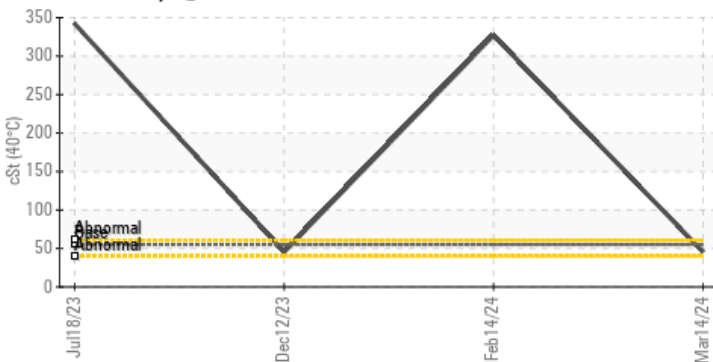
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

