



CONSTRUCTION EQUIPMENT

S50100977 ALBERT EQ BOBCAT XHP750WCAT 412635VCUD93 - GEARBOX



Sample No: VCP436936
Oil Type: SAE 90
Job No: S50100977 ALBERT EQ



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP436936 | --- | --- | --- |
| Sample Date | 13 May 2024 | --- | --- | --- |
| Machine Hours | 1 | --- | --- | --- |
| Oil Hours | 1 | --- | --- | --- |
| Oil Changed | Not Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

VCES- VOLVO CONSTRUCTION EQUIPMENT
12345 MAPLEVIEW STREET
LAKESIDE, CA
US 92040
Contact: Mark Stewart
mark.stewart@vcesvolvo.com
T: X
F: X



OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 34.6 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | █ 2 | --- | --- | --- |
| Sodium | ppm | █ 4 | --- | --- | --- |
| Potassium | ppm | █ 17 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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 | █ 6 | --- | --- | --- |
| Copper | ppm | █ 1 | --- | --- | --- |
| Lead | ppm | █ <1 | --- | --- | --- |
| Tin | ppm | █ 0 | --- | --- | --- |
| Aluminum | ppm | █ 0 | --- | --- | --- |
| Chromium | ppm | █ 0 | --- | --- | --- |
| Molybdenum | ppm | █ 0 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ <1 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █ 739 | --- | --- | --- |
| Magnesium | ppm | █ 0 | --- | --- | --- |
| Zinc | ppm | █ <1 | --- | --- | --- |
| Phosphorus | ppm | █ 171 | --- | --- | --- |
| Barium | ppm | █ 0 | --- | --- | --- |
| Boron | ppm | █ 214 | --- | --- | --- |

Depot: VOLVO4488
Unique No: 11036025
Signed: Sean Felton
Report Date: 22 May 2024

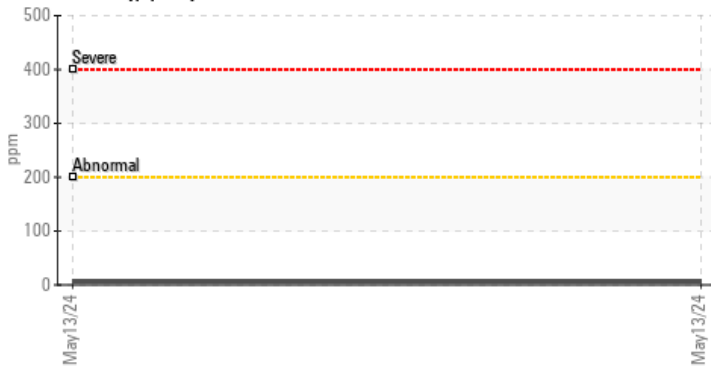


CONSTRUCTION EQUIPMENT



GRAPHS

Iron (ppm)



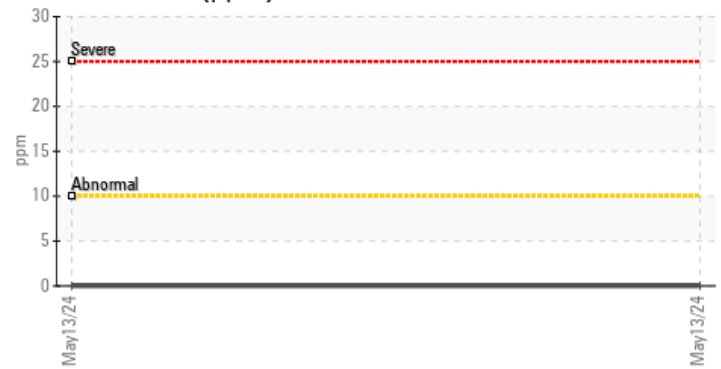
Lead (ppm)



Aluminum (ppm)



Chromium (ppm)



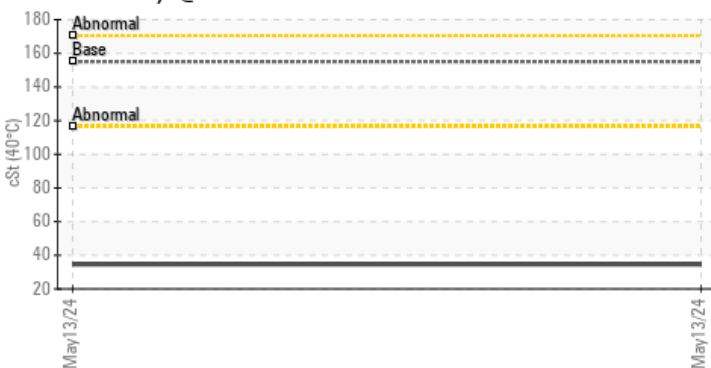
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

