CONSTRUCTION EQUIPMENT 392231 VOLVO L90B 61843 - DIESEL ENGINE



Sample No: VCP394296

VOI N

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

392231

| | INFORMATION | | | | |
|----------------|-------------|----------------|-------|---|--|
| | | | - | - | |
| Sample Number | | VCP394296 | | | |
| Sample Date | | 12 Feb 2024 | | | |
| Machine Hours | | 24721 | | | |
| Oil Hours | | 500 | | | |
| Oil Changed | | Changed | | | |
| Sample Status | | ABNORMAL | | | |
| | | | | | |
| OIL CON | DITION | | | | |
| Visc @ 100°C | cSt | A 11.3 | | | |
| Oxidation (PA) | % | 83 | | | |
| | | | | | |
| CONTAN | MINATION | | | | |
| Water | % | NEG | | | |
| Soot % | % | 0.2 | | | |
| Nitration (PA) | % | 96 | | | |
| Sulfation (PA) | % | 60 | | | |
| Glycol | % | ▲ 0.011 | | | |
| Fuel | % | 2.7 | | | |
| Silicon | ppm | 8 | | | |
| Sodium | ppm | ▲ 27 | | | |
| Potassium | ppm | <u> </u> | | | |
| Totassium | ppin | _ 0 | | | |
| VOLVO | | | | | |
| 🤍 WEAR M | METALS | | | | |
| Iron | ppm | 32 | | | |
| Copper | ppm | 6 | | | |
| Lead | ppm | 2 | | | |
| Tin | ppm | 1 | | | |
| Aluminum | ppm | 3 | | | |
| Chromium | ppm | ∎1 | | | |
| Molybdenum | ppm | 67 | | | |
| Nickel | ppm | 3 | | | |
| Titanium | ppm | 0 | | | |
| Silver | ppm | 0 | | | |
| Manganese | ppm | 0 | | | |
| in guilese | PPIII | | | | |

Vanadium

ppm

| ADDITIVES | | | | | | | | |
|------------|-----|-------------|--|--|--|--|--|--|
| Calcium | ppm | 1199 | | | | | | |
| Magnesium | ppm | 827 | | | | | | |
| Zinc | ppm | 1077 | | | | | | |
| Phosphorus | ppm | 872 | | | | | | |
| Barium | ppm | 0 | | | | | | |
| Boron | ppm | 30 | | | | | | |



STRONGCO EQUIP (AB)

5 - 38403 BURNT LAKE TRAIL RED DEER COUNTY, AB CA T4S 2L4 Contact: Perry Doyle odoyle@strongco.com T: (403)391-3520 F: (403)346-3487

Diagnosis

Ne advise that you check for the ource of the coolant leak. The oil hange at the time of sampling has been noted. Confirm the source of he lubricant being utilized for topup/fill. We recommend an early esample to monitor this condition. No other corrective action is ecommended at this time. The fluid vas specified as VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3, nowever, a fluid match indicates that his fluid is SAE 30 Diesel Engine Oil. Please confirm the oil type and grade on your next sample.All component wear rates are normal. Test for glycol s positive. Light fuel dilution occurring. There is a light concentration of glycol present in the oil. No other contaminants were letected in the oil. This plus the additive levels indicates that this is not the same brand, or type of oil as eported. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VOLVO9652

 Unique No:
 5734483

 Signed:
 Wes Davis

 Report Date:
 23 Feb 2024

Report Id: VOLVO9652 [WCAMIS] 02617373 (Generated: 02/23/2024 09:28:07) Rev: 1

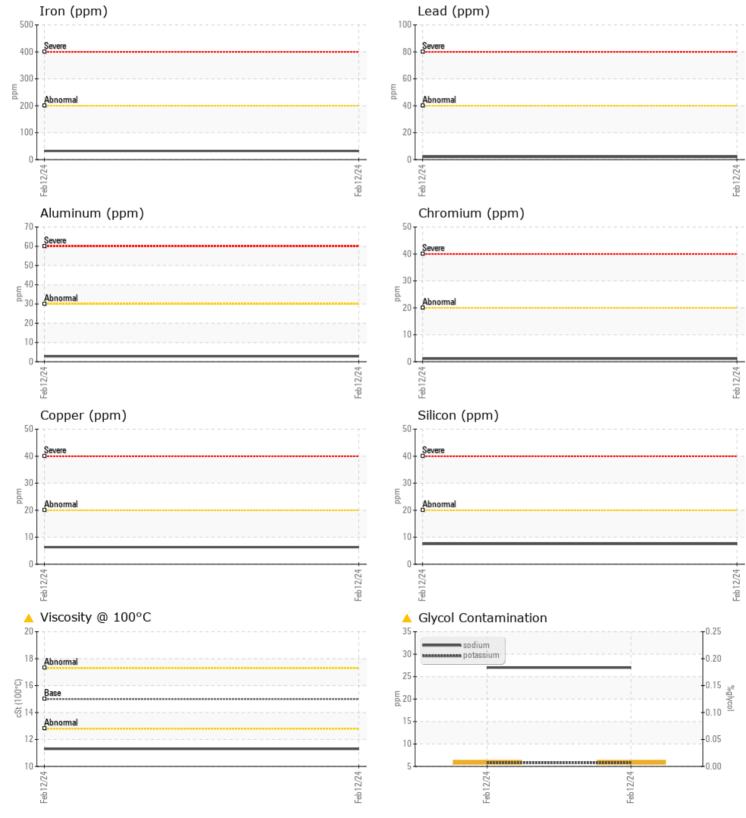
Contact/Location: Perry Doyle - VOLVO9652

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO9652 [WCAMIS] 02617373 (Generated: 02/23/2024 09:28:09) Rev: 1

Contact/Location: Perry Doyle - VOLVO9652