CONSTRUCTION EQUIPMENT W0229887 VOLVO L90H 623323 - DIESEL ENGINE



 Sample No:
 VCP428599

 Oil Type:
 DIESEL ENGINE OIL SAE 15W40

 Job No:
 W0229887

VOLVO

SAMPLE INFORMATION VCP428599 Sample Number Sample Date 30 Jan 2024 Machine Hours 0 Oil Hours 16000 Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 14.0 Base Number (BN) mg KOH/g 9.4 Oxidation (PA) 65 % CONTAMINATION

| Water | % | NEG | | |
|----------------|-----|-------------|------|--|
| Soot % | % | 0.3 | | |
| Nitration (PA) | % | 50 | | |
| Sulfation (PA) | % | 65 | | |
| Glycol | % | NEG | | |
| Fuel | % | <1.0 | | |
| Silicon | ppm | 10 | | |
| Sodium | ppm | 0 | | |
| Potassium | ppm | ■ <1 | | |

WEAR METALS

| WEAR I | METALS | | | |
|------------|--------|-----------|------|--|
| Iron | ppm | 10 | | |
| Copper | ppm | ∎1 | | |
| Lead | ppm | □<1 | | |
| Tin | ppm | 0 | | |
| Aluminum | ppm | 4 | | |
| Chromium | ppm | | | |
| Molybdenum | ppm | 139 | | |
| Nickel | ppm | 0 | | |
| Titanium | ppm | 0 | | |
| Silver | ppm | 0 | | |
| Manganese | ppm | □<1 | | |
| Vanadium | ppm | 0 | | |

| ADDITIVES | | | | | | | |
|------------|-----|------------|--|--|--|--|--|
| Calcium | ppm | 1569 | | | | | |
| Magnesium | ppm | 707 | | | | | |
| Zinc | ppm | 846 | | | | | |
| Phosphorus | ppm | 796 | | | | | |
| Barium | ppm | 3 | | | | | |
| Boron | ppm | 389 | | | | | |



ROMCO INC

1350 NE LOOP 820 FORT WORTH, TX US 76106 Contact: ROB HOLCOMB rholcomb@romco.com T: (817)798-9289 F: (817)626-8983

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VOLVO081

 Unique No:
 10861041

 Signed:
 Wes Davis

 Report Date:
 05 Feb 2024

Report Id: VOLVO0081 [WUSCAR] 06078950 (Generated: 02/05/2024 12:10:43) Rev: 1

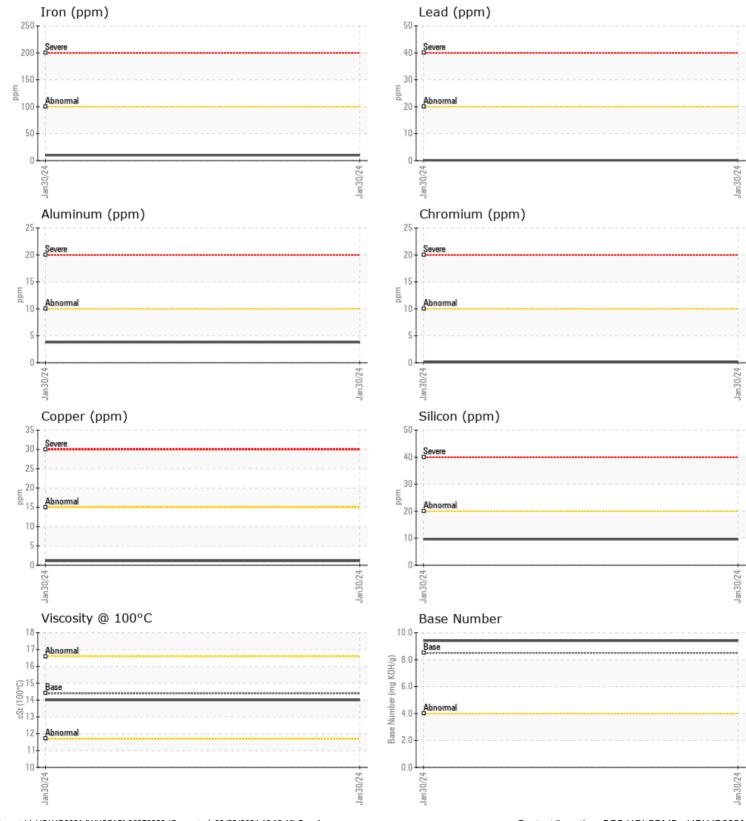
Contact/Location: ROB HOLCOMB - VOLVO0081

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: ROB HOLCOMB - VOLVO0081