

CONSTRUCTION EQUIPMENT VOLVO L120H 632841 - DIESEL ENGINE



Sample No: VCP0008146

Oil Type: DIESEL ENGINE OIL SAE 40

Job No:

| | FORMATION | | | |
|------------------|-----------|-------------|-------------|------|
| Sample Number | | VCP0008146 | VCP303961 | |
| Sample Date | | 25 Jan 2024 | 19 Mar 2021 | |
| Machine Hours | | 8601 | 1036 | |
| Oil Hours | | 7565 | 0 | |
| Oil Changed | | N/A | Changed | |
| Sample Status | | NORMAL | NORMAL | |
| Sample Status | | NORMAL | NORMAL | |
| VOLVO | | | | |
| V OIL CONDI | - | | | |
| Visc @ 100°C | cSt | 13.8 | 14.2 | |
| Base Number (BN) | mg KOH/g | 8.6 | | |
| Oxidation (PA) | % | 55 | 65 | |
| | | | | |
| | ATION | | | |
| | % | NEC | NEG | |
| Water Soot % | % | NEG | | |
| | | 0.2 59 | ■ 0.2 73 | |
| Nitration (PA) | % | | | |
| Sulfation (PA) | % | 51 | 59 | |
| Glycol | % | NEG | NEG | |
| Fuel | % | <1.0 | <1.0 | |
| Silicon | ppm | 4 | □10 | |
| Sodium | ppm | 2 | 4 | |
| Potassium | ppm | 4 | 3 | |
| VOLVO | | | | |
| WEAR MET | TALS | | | |
| Iron | ppm | 4 | 12 | |
| Copper | ppm | | 8 | |
| Lead | ppm | 1 | 2 | |
| Tin | ppm | | 1 | |
| Aluminum | ppm | 5 | 8 | |
| Chromium | ppm | | 1 | |
| Molybdenum | ppm | 59 | 10 | |
| Nickel | ppm | □ <1 | <1 | |
| Titanium | ppm | 10 | 66 | |
| Silver | ppm | 0 | <1 | |
| Manganese | ppm | □ <1 | <1 | |
| Vanadium | ppm | <1 | <1 | |
| | PPIII | •• | | |
| | 5 | | | |
| Calcium | ppm | 1294 | 1693 | |
| Magnesium | ppm | 633 | 426 | |
| Zinc | ppm | 1238 | 1161 | |
| Phosphorus | ppm | 1036 | 1007 | |
| Barium | ppm | 0 | 0 | |
| Boron | ppm | 4 9 | 113 | |
| | | | | |



ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY JACKSONVILLE, FL US 32256 Contact: SHAWN NORTHCRAFT shawn.northcraft@altg.com T: (904)737-6000 F: (904)737-1260

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:
 VOLV00092

 Unique No:
 10857611

 Signed:
 Wes Davis

 Report Date:
 01 Feb 2024

Report Id: VOLVO0092 [WUSCAR] 06075520 (Generated: 02/01/2024 09:33:14) Rev: 1

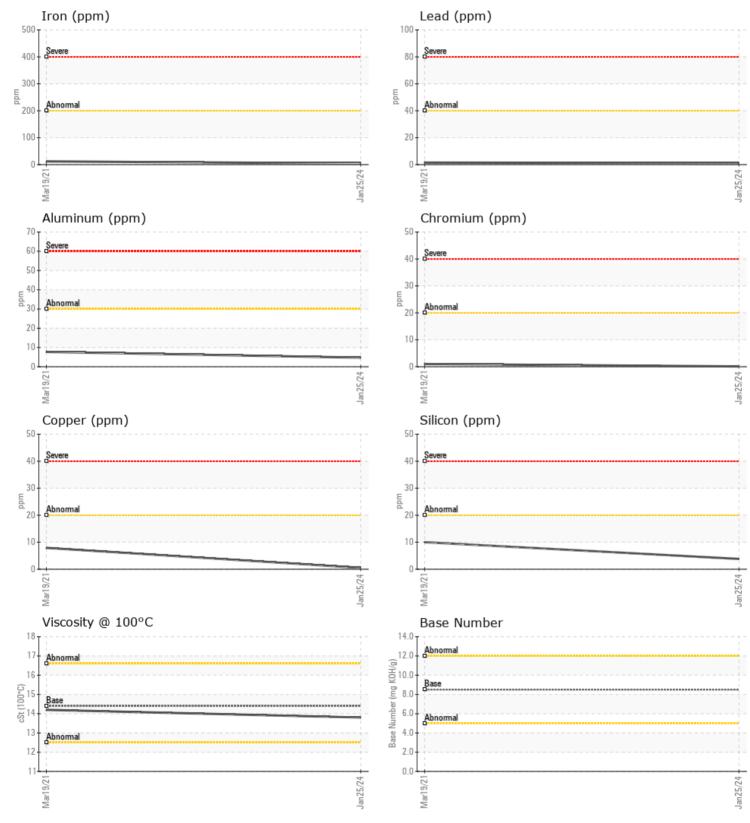
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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