

CONSTRUCTION EQUIPMENT
SW-34523-2 ALDER VOLVO L20B 1701626 - DIESEL ENGINE



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

Job No: SW-34523-2 ALDER

| VOLVO | NEODMATION | | | |
|------------------|------------|-----------------|-------------|-------|
| | NFORMATION | | | |
| Sample Number | | VCP391268 | VCP388680 | |
| Sample Date | | 17 May 2024 | 06 Oct 2022 | |
| Machine Hours | | 1841 | 1841 | |
| Oil Hours | | 0 | 0 | |
| Oil Changed | | Changed | Changed | |
| Sample Status | | NORMAL | NORMAL | |
| | | | | |
| OIL CONDI | TION | | | |
| Visc @ 100°C | cSt | 13.7 | 15.0 | |
| Base Number (BN) | | ■ 8.5 | 7.5 | |
| Oxidation (PA) | % | 69 | 80 | |
| | 70 | 09 | 00 | |
| VOLVO | | | | |
| CONTAMIN | NATION | | | |
| Water | % | NEG | NEG | |
| Soot % | % | ■ 0.2 | ■0.3 | |
| Nitration (PA) | % | 62 | 85 | |
| Sulfation (PA) | % | 57 | 64 | |
| Glycol | % | NEG | NEG | |
| Fuel | % | <1.0 | <1.0 | |
| Silicon | ppm | 11 | 6 | |
| Sodium | ppm | 2 | 3 | |
| Potassium | ppm | 1 | 2 | |
| VOLVO | | | | |
| WEAR ME | 7147 | | | |
| _ | | | | |
| Iron | ppm | 19 | 25 | |
| Copper | ppm | 1 | 2 | |
| Lead | ppm | <1 | 2 | |
| Tin | ppm | ■ <1 | <1 | |
| Aluminum | ppm | 4 | 3 | |
| Chromium | ppm | ■ <1 | = <1 | |
| Molybdenum | ppm | ■ 52 | 5 5 | |
| Nickel | ppm | - <1 | <1 | |
| Titanium | ppm | 1 | 4 | |
| Silver | ppm | ■ <1 | 0 | |
| Manganese | ppm | | - <1 | |
| Vanadium | ppm | <1 | <1 | |
| VOLVO | | | | |
| ADDITIVE: | 2 | | | |
| Calcium | | 1336 | 1220 | |
| Magnesium | ppm | 778 | 658 | - |
| Triagnesiani | ppiii | 770 | | |

1118

850

2



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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: VOLVO8770 **Unique No:** 11046906 Signed: Wes Davis Report Date: 28 May 2024

1133

■878

0

51

ppm

ppm

ppm

ppm

Zinc

Barium

Boron

Phosphorus



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