

CONSTRUCTION EQUIPMENT VOLVO SD115B 236897 - DIESEL ENGINE



VCP408523 Sample No:

Oil Type:

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

| SAMPI F IN | FORMATION | | | |
|------------------|-----------|-------------|------|--|
| Sample Number | | VCP408523 | | |
| Sample Date | | 23 Jun 2023 | | |
| Machine Hours | | 0 | | |
| Oil Hours | | 0 | | |
| Oil Changed | | Changed | | |
| Sample Status | | SEVERE | | |
| Sample Status | | JEVERE | | |
| OIL CONDI | τιον | | | |
| | - | | | |
| Visc @ 100°C | cSt | 12.6 | | |
| Base Number (BN) | mg KOH/g | ■10.1 | | |
| Oxidation (PA) | % | 83 | | |
| VOLVO | | | | |
| CONTAMIN | ATION | | | |
| Soot % | % | 0.3 | | |
| Nitration (PA) | % | 63 | | |
| Sulfation (PA) | % | 64 | | |
| Glycol | % | NEG | | |
| Fuel | % | <1.0 | | |
| Silicon | ppm | ▲ 26 | | |
| Sodium | ppm | 4 | | |
| Potassium | ppm | 3 | | |
| | ppiii | | | |
| VOLVO | | | | |
| WEAR MET | TALS | | | |
| Iron | ppm | 66 | | |
| Copper | ppm | 29 | | |
| Lead | ppm | 0 | | |
| Tin | ppm | 3 | | |
| Aluminum | ppm | 66 | | |
| Chromium | ppm | 9 | | |
| Molybdenum | ppm | 44 | | |
| Nickel | ppm | <1 | | |
| Titanium | ppm | <1 | | |
| Silver | ppm | 0 | | |
| Manganese | ppm | 3 | | |
| Vanadium | ppm | 0 | | |
| | | | | |
| | - | | | |
| | 2 | | | |
| Calcium | ppm | 1751 | | |
| Magnesium | ppm | 583 | | |
| Zinc | ppm | 1262 | | |
| Phosphorus | ppm | 995 | | |
| Barium | ppm | 0 | | |
| _ | | | | |

WIN EQUIPMENT COMPANY

DRAWER 9367 NTGOMERY, AL 36108 tact: BRYAN DICKS cks@cowin.com 334)262-6642 34)269-1514

agnosis

and filter change at the time of npling has been noted. We advise it you inspect for the source(s) of ar. We recommend an early ample to monitor this ndition.The aluminum level is vere. Piston wear is indicated. emental level of silicon (Si) above rmal indicating ingress of seal terial. The BN result indicates that ere is suitable alkalinity remaining the oil. The oil is no longer viceable as a result of the normal and/or severe wear.

Depot: VOLVO8532 Unique No: 10545747 Signed: Jonathan Hester Report Date: 07 Jul 2023

Report Id: VOLVO8532 [WUSCAR] 05889937 (Generated: 07/07/2023 15:11:30) Rev: 1

47

ppm

Boron

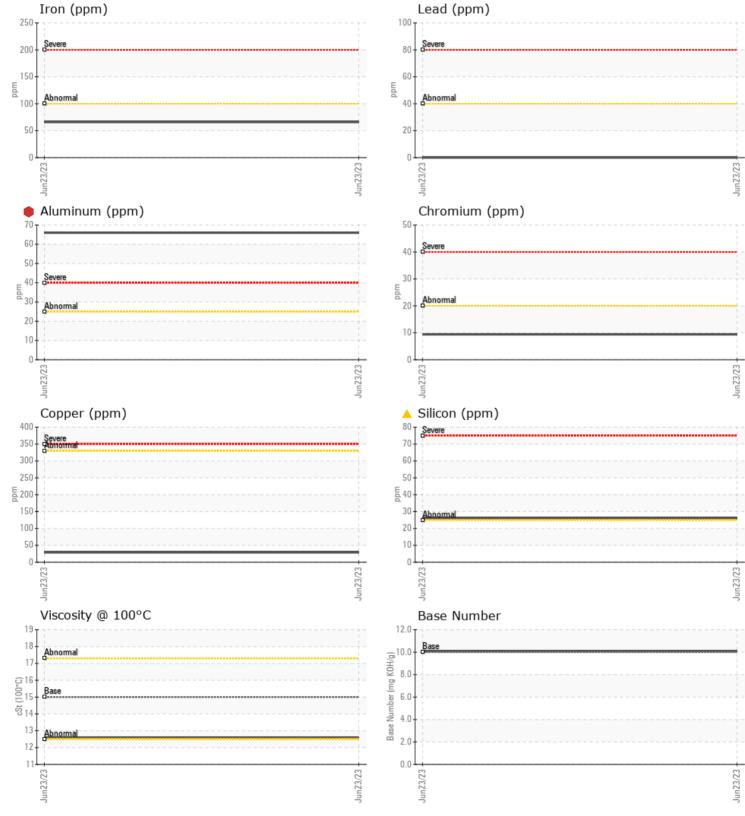
Contact/Location: BRYAN DICKS - VOLVO8532

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8532 [WUSCAR] 05889937 (Generated: 07/07/2023 15:11:32) Rev: 1

Contact/Location: BRYAN DICKS - VOLVO8532