VOLVO

CONSTRUCTION EQUIPMENT SCOTT HASLAM PONSSE 110995 - DIESEL ENGINE



 Sample No:
 VCP431617

 Oil Type:
 VOLVO ULT

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: SCOTT HASLAM



| SAMPLE I | NFORMATION | | | |
|------------------|------------|-------------|------|--|
| Sample Number | - | VCP431617 | | |
| Sample Date | | 12 Dec 2023 | | |
| Machine Hours | | 300 | | |
| Oil Hours | | 300 | | |
| Oil Changed | | N/A | | |
| Sample Status | | ATTENTION | | |
| | | | | |
| OIL CONDI | TION | | | |
| Visc @ 100°C | cSt | 11.5 | | |
| Base Number (BN) | mg KOH/g | 10.2 | | |
| Oxidation (PA) | % | 52 | | |
| | | | | |
| CONTAMI | NATION | | | |
| Water | % | NEG | | |
| Soot % | % | 0.2 | | |
| Nitration (PA) | % | 82 | | |
| Sulfation (PA) | % | 47 | | |
| Glycol | % | NEG | | |
| Fuel | % | 0.3 | | |
| Silicon | ppm | 10 | | |
| Sodium | ppm | 4 | | |
| Potassium | ppm | 5 | | |
| | | | | |

WEAR METALS

| WEAR I | METALS | | | |
|------------|--------|-----------|------|--|
| Iron | ppm | 33 | | |
| Copper | ppm | 22 | | |
| Lead | ppm | 0 | | |
| Tin | ppm | 1 | | |
| Aluminum | ppm | 51 | | |
| Chromium | ppm | 3 | | |
| Molybdenum | ppm | 41 | | |
| Nickel | ppm | 0 | | |
| Titanium | ppm | 0 | | |
| Silver | ppm | 0 | | |
| Manganese | ppm | 7 | | |
| Vanadium | maa | 0 | | |

| ADDITIVES | | | | | | | |
|------------|-----|------------|--|--|--|--|--|
| Calcium | ppm | 1243 | | | | | |
| Magnesium | ppm | 871 | | | | | |
| Zinc | ppm | 852 | | | | | |
| Phosphorus | ppm | 698 | | | | | |
| Barium | ppm | 0 | | | | | |
| Boron | ppm | 108 | | | | | |



CHADWICK-BAROSS INC

188 PERRY ROAD BANGOR, ME US 04401 Contact: MIKE MORIN mmorin@chadwick-baross.com T: (207)735-0856 F: (207)941-0856

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO0007

 Unique No:
 10792831

 Signed:
 Don Baldridge

 Report Date:
 23 Dec 2023

Report Id: VOLVO0007 [WUSCAR] 06037602 (Generated: 12/23/2023 11:29:12) Rev: 1

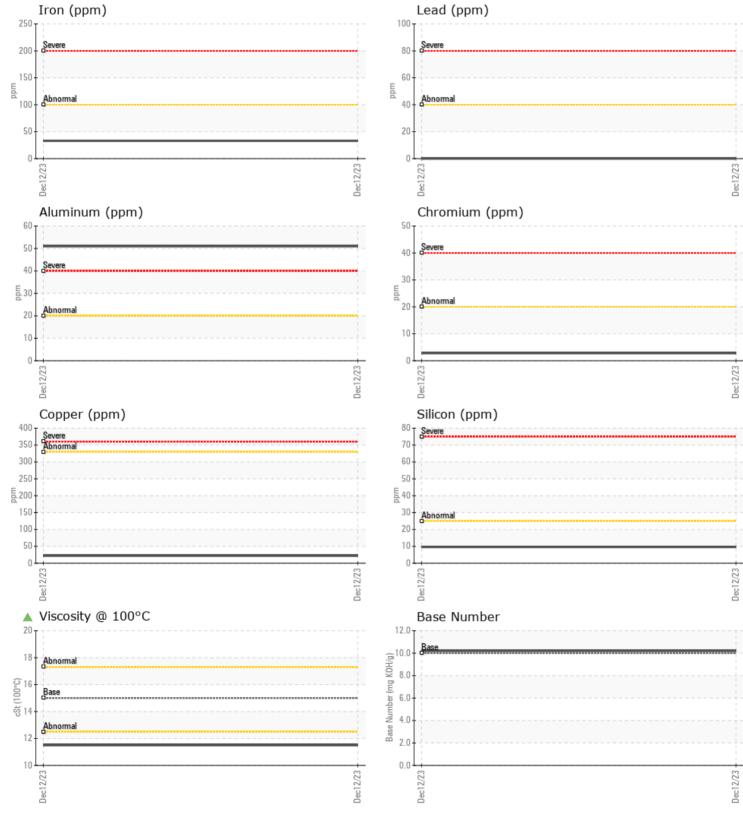
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: MIKE MORIN - VOLVO0007