

CONSTRUCTION EQUIPMENT - REAR AXLE



Sample No: VCP437578

| Oil Type: |
|-----------|
|-----------|

VOLVO PREMIUM GEAR OIL 85W-140 GL-5

Job No:

Phosphorus

Barium

Boron

ppm

ppm

ppm

| SAMPLI | E INFORMATION | | | |
|---------------|---------------|-------------|-------------|------|
| Sample Number | | VCP437578 | VCP395762 | |
| Sample Date | | 06 Jun 2024 | 08 Mar 2023 | |
| Machine Hours | | 4000 | 2203 | |
| Oil Hours | | 0 | 1000 | |
| Oil Changed | | Changed | Not Changd | |
| Sample Status | | ABNORMAL | NORMAL | |
| | | | | |
| VOLVO | DITION | | | |
| VIL CON | | | <u>.</u> | |
| Visc @ 40°C | cSt | 49.5 | 49.2 | |
| | | | | |
| | MINATION | | | |
| Water | % | 0.324 | NEG | |
| | | | | |
| Silicon | ppm | ▲ 75 | 4 | |
| Sodium | ppm | 3 | 3 | |
| Potassium | ppm | 9 | 3 | |
| VOLVO | | | | |
| 👽 WEAR I | METALS | | | |
| Iron | ppm | 659 | 201 | |
| Copper | ppm | 22 | 2 | |
| Lead | ppm | 4 | 0 | |
| Tin | ppm | 2 | 0 | |
| Aluminum | ppm | 17 | □ <1 | |
| Chromium | ppm | 6 | 2 | |
| Molybdenum | ppm | 8 | 5 | |
| Nickel | ppm | 3 | <1 | |
| Titanium | ppm | <1 | 0 | |
| Silver | ppm | 0 | 0 | |
| Manganese | ppm | 15 | 10 | |
| Vanadium | ppm | 0 | 0 | |
| | 221 | | 0 | |
| VOLVO | | | | |
| ADDITI | VES | | | |
| Calcium | ppm | 236 | 20 | |
| Magnesium | ppm | 41 | 0 | |
| Zinc | ppm | 64 | 12 | |
| | | | | |

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TA EQUIPMENT COMPANY

151 DR MARTIN LUTHER KING BLVD ORT MYERS, FL 33905 ontact: TODD LARK ark@altaequipfl.com (239)481-3302

iagnosis

le advise that you check all areas here dirt can enter the system. The il change at the time of sampling as been noted. Resample at the next ervice interval to monitor.All omponent wear rates are normal. here is a light concentration of vater present in the oil. Elemental evels of silicon (Si) and aluminum Al) indicate alumina-silicate (coarse irt) ingress. The oil viscosity is lower nan normal. Confirm oil type.

Depot: VOLVO0090 Unique No: 11074373 Signed: Don Baldridge Report Date: 13 Jun 2024 Contact/Location: TODD LARK - VOLVO0090

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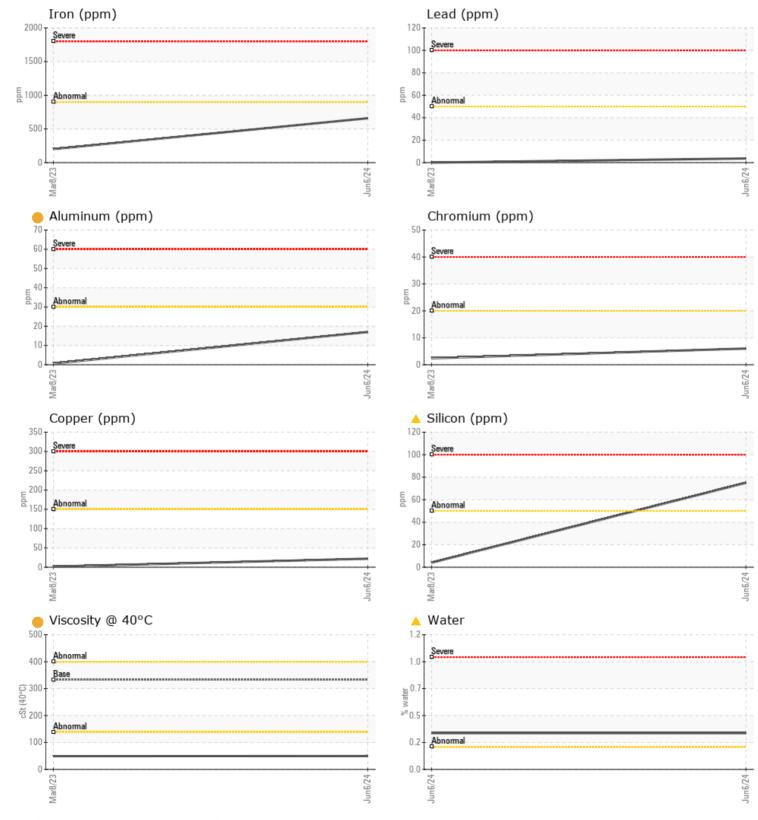
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: TODD LARK - VOLVO0090