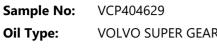
**CONSTRUCTION EQUIPMENT** VOLVO EC250EL 314118 - REAR LEFT FINAL DRIVE 23675



VOLVO

VOLVO SUPER GEAR OIL 75W-80-GO102

Job No:

Zinc

Barium

Boron

Phosphorus

23675

## SAMPLE INFORMATION VCP404629 Sample Number VCP339788 Sample Date 24 Jun 2023 01 Feb 2022 Machine Hours 2070 523 **Oil Hours** 100 0 Oil Changed Changed N/A Sample Status SEVERE NORMAL **OIL CONDITION** Visc @ 40°C cSt 221 51.3 CONTAMINATION Silicon ppm 1372 3 Sodium 8 < 1 ppm Potassium 25 0 ppm WEAR METALS Iron ppm 7391 13 Copper ppm 9 < 1 Lead ppm ■ <1 < Tin ppm 1 < 1 Aluminum 🔺 148 < 1 ppm Chromium ppm 90 <1 Molybdenum 15 < 1 ppm 0 Nickel ppm 6 Titanium 14 0 ppm Silver 0 0 ppm Manganese 66 < 1 ppm Vanadium 0 ppm <1 **ADDITIVES** 170 26 Calcium ppm Magnesium 6 ppm 22

17

0

282

2460



## 218 - ASCENDUM MACHINERY INC - N. CHARLESTON

7235 CROSS COUNTRY RD. NORTH CHARLESTON, SC US 29418 Contact: MATT MITCHAM matt.mitcham@ascendummachinery.com Τ· F: (843)414-1129

## Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

Depot:	VOLVO3387
Unique No:	10548322
Signed:	Don Baldridge
Report Date:	10 Jul 2023

37

**<**1

**151** 

1841

ppm

ppm

ppm

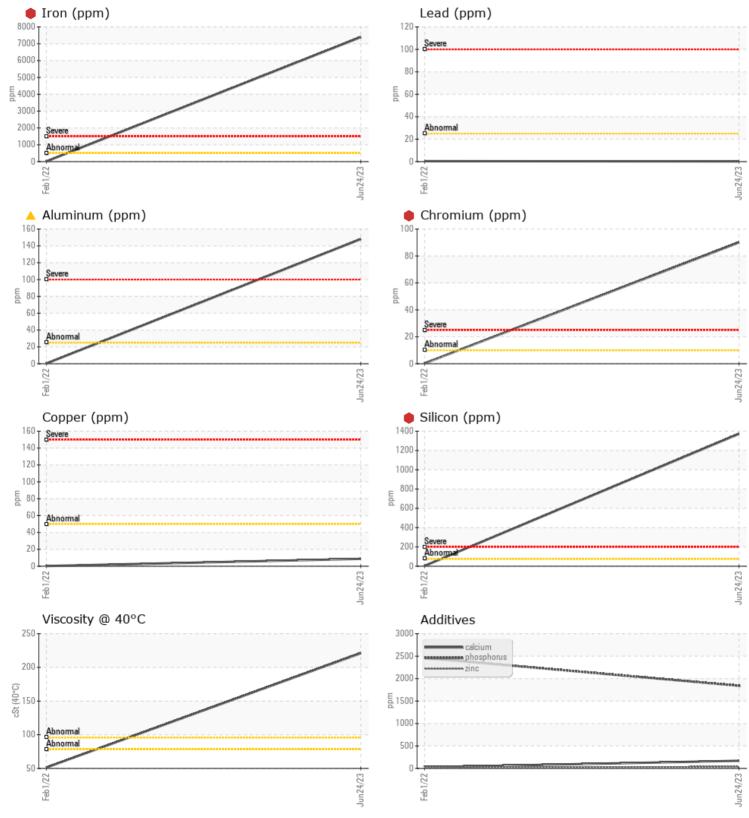
ppm

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO3387 [WUSCAR] 05892512 (Generated: 07/10/2023 20:58:14) Rev: 1

Contact/Location: MATT MITCHAM - VOLVO3387