4300DR KINSLEY CONST VOLVO EC250DL 210374 - REAR LEFT FINAL DRI

Sample No: VCP399663

VOLVO

Oil Type:	VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:	4300DR KINSLEY CONST

## SAMPLE INFORMATION Sample Number VCP399663 Sample Date 06 Sep 2023 Machine Hours 9490 **Oil Hours** 1000 Oil Changed Changed SEVERE Sample Status **OIL CONDITION** Visc @ 40°C cSt 328 CONTAMINATION Silicon ppm 655 Sodium 6 ppm Potassium 38 ppm WEAR METALS Iron ppm 2410 Copper ppm **4** Lead ppm 0 🔲 Tin ppm 0 🔲 Aluminum ppm 🔺 117 Chromium ppm **1**8 Molybdenum **||** <1 ppm Nickel 2 ppm Titanium 10 ppm Silver 0 ppm Manganese 18 ppm Vanadium ppm <1 **ADDITIVES** 151 Calcium ppm Magnesium ppm 36 Zinc 63 ppm



## HIGHWAY EQUIPMENT & SUPPLY CO

PO BOX 127 DRUMS, PA US 18222 Contact: JUSTIN BLOSS justin@hwyequip.com T: (570)788-1127 F: (570)708-2933

## 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:	VOLVO0022
Unique No:	10645530
Signed:	Don Baldridge
Report Date:	15 Sep 2023

1081

0

64

Phosphorus

Barium

Boron

ppm

ppm

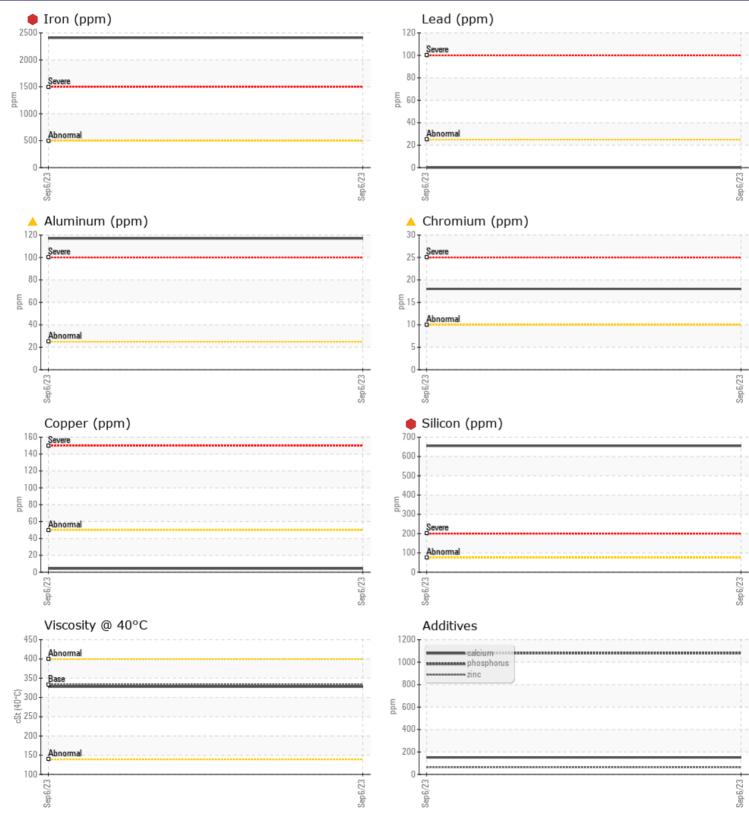
ppm

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: JUSTIN BLOSS - VOLVO0022