CONSTRUCTION EQUIPMENT 375637 VOLVO EC300 310153 - SWING DRIVE



Sample No: VCP435802

VOLVO

Oil Type:	VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:	375637

## SAMPLE INFORMATION Sample Number VCP435802 Sample Date 04 Oct 2023 Machine Hours 5303 Oil Hours 4300 Oil Changed Changed SEVERE Sample Status **OIL CONDITION** Visc @ 40°C cSt 249 CONTAMINATION Water % 5.00 Silicon 71 ppm Sodium ppm 2 Potassium ppm 1 WEAR METALS 8824 Iron ppm **119** Copper ppm Lead ppm 1 🔲 Tin ppm 0 🔲 Aluminum 7 ppm Chromium 91 ppm Molybdenum ppm 8 Nickel 6 ppm Titanium <1 ppm Silver 0 ppm Manganese ppm 57 Vanadium ppm <1 101 **ADDITIVES** Calcium **40** ppm Magnesium **4** ppm Zinc ppm 80



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC 8418 PALM RIVER ROAD

TAMPA, FL US 33619 Contact: JOHN FARDELLA john.fardella@altg.com T: (813)630-0077 F: (813)630-2233

## Diagnosis

We advise that you check for the source of water entry. 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.Bearing and/or gear wear is indicated. Appearance is unacceptable There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot:	VOLVO0093
Unique No:	10709576
Signed:	Sean Felton
Report Date:	25 Oct 2023

441

8 🔲

16

Phosphorus

Barium

Boron

ppm

ppm

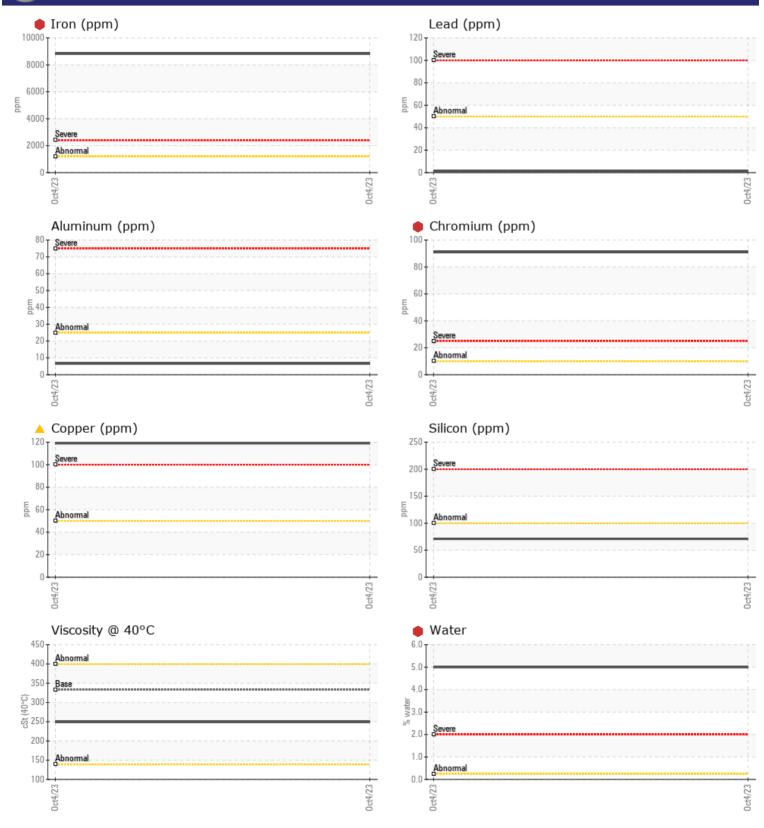
ppm

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: JOHN FARDELLA - VOLVO0093