CONSTRUCTION EQUIPMENT X47248 JOSHLIN CONST VOLVO EC350 310659 - REAR RIGHTEINA

Sample No: VCP416500

VOLVO

Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5 Job No: X47248 JOSHLIN CONST

SAMPLE INFORMATION Sample Number VCP416500 Sample Date 21 Jul 2023 Machine Hours 6117 **Oil Hours** 0 Oil Changed N/A SEVERE Sample Status CONTAMINATION Silicon 10000 ppm Sodium 49 ppm Potassium ppm **161** WEAR METALS 10000 Iron ppm Copper 46 ppm Lead 3 ppm 5 Tin ppm Aluminum ppm **6** 784 284 Chromium ppm Molybdenum ppm 41 23 Nickel ppm Titanium ppm **135** Silver ppm 0 Manganese ppm 180 Vanadium ppm 4 ADDITIVES

Calcium	ppm	53			
Magnesium	ppm	67			
Zinc	ppm	1 9			
Phosphorus	ppm	358			
Barium	ppm	15			
Boron	ppm	4			



SCOTT EQUIPMENT COMPANY LLC - Lake Charles PO BOX 16955 LAKE CHARLES, LA US 70616 Contact: TINA LEDOUX

Contact: IINA LEDOUX tledoux@scottcompanies.com T: (337)433-9811 F: (318)433-6623

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Please note that the oil was too thick to perform some of the normal laboratory tests.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

Depot:VOLVO6244Unique No:10575833Signed:Jonathan HesterReport Date:31 Jul 2023

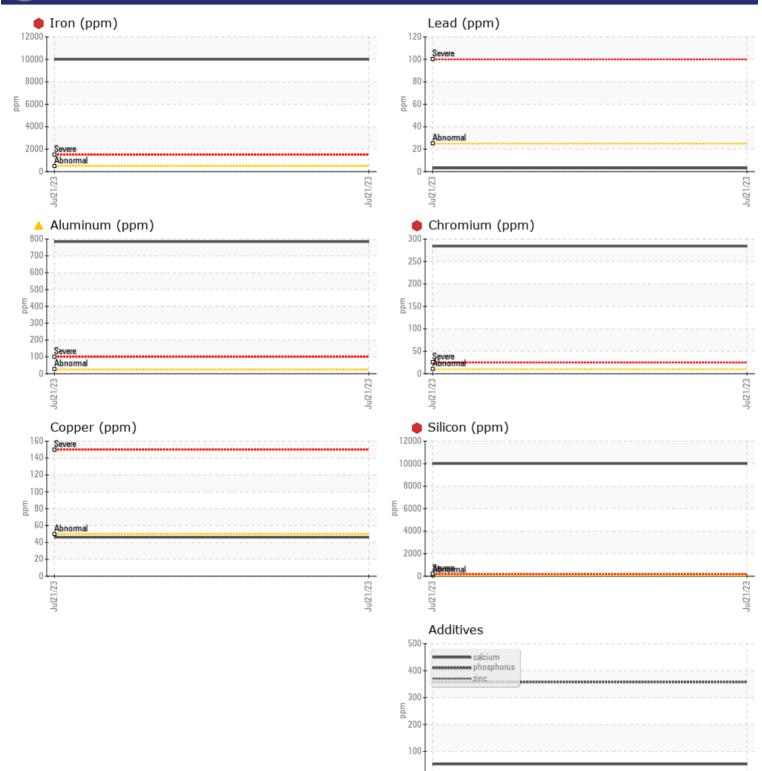
Contact/Location: TINA LEDOUX - VOLVO6244

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Jul21/23

Contact/Location: TINA LEDOUX - VOLVO6244

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