CONSTRUCTION EQUIPMENT X48285 VOLVO EC350 310659 - FRONT LEFT FINAL DRIVE



Oil Type:	VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:	X48285

VCP435933

VOLVO

Sample No:

## SAMPLE INFORMATION Sample Number VCP435933 VCP417999 Sample Date 22 Dec 2023 23 Jul 2023 Machine Hours 7067 6125 Oil Hours 0 0 Oil Changed N/A N/A SEVERE SEVERE Sample Status **OIL CONDITION** Visc @ 40°C cSt 134 CONTAMINATION Water % **0.156** 1.26 Silicon 93930 4880 ppm Sodium **||** <1 16 ppm Potassium ppm 38 57 WEAR METALS 10057 Iron ppm 8867 Copper ppm **17** 15 0 Lead ppm 0 🔲 0 Tin ppm 2 Aluminum **254 280** ppm Chromium 98 107 ppm Molybdenum ppm 10 16 Nickel **7** 8 ppm Titanium ppm 35 **5**1 Silver 0 0 ppm Manganese ppm 60 68 Vanadium ppm 0

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Calcium	ppm	<b>4</b> 5	10	 
Magnesium	ppm	13	16	 
Zinc	ppm	15	5	 
Phosphorus	ppm	356	142	 
Barium	ppm	<b>4</b>	0	 
Boron	ppm	6	3	 



SCOTT EQUIPMENT COMPANY LLC - Lake Charles PO BOX 16955 LAKE CHARLES, LA US 70616 Contact: TINA LEDOUX tledoux@scottcompanies.com T: (337)433-9811

## Diagnosis

F: (318)433-6623

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.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. There is a trace of moisture present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot:VOLVO6244Unique No:10809864Signed:Jonathan HesterReport Date:04 Jan 2024

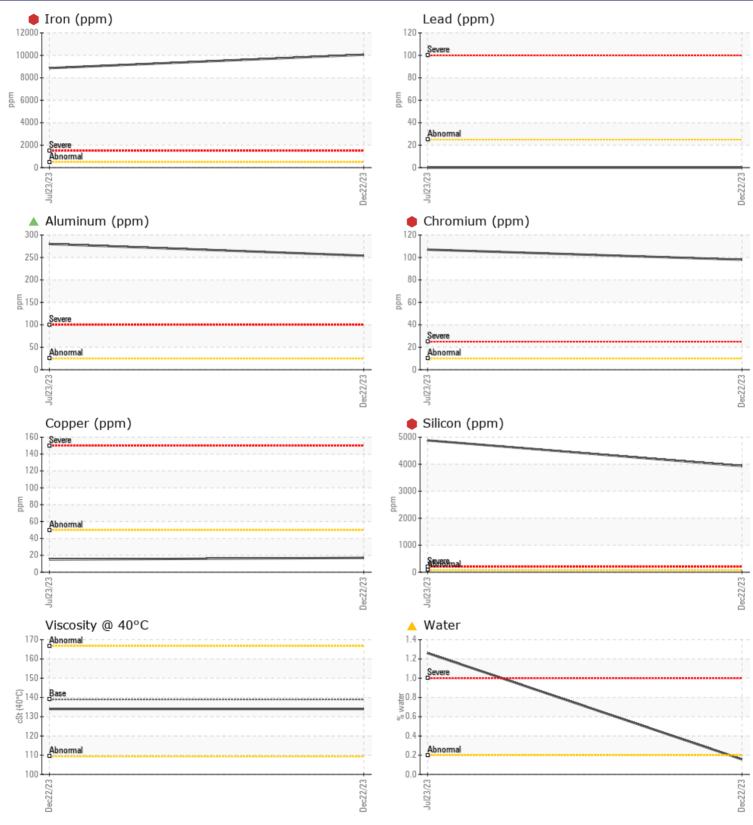
Contact/Location: TINA LEDOUX - VOLVO6244

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO6244 [WUSCAR] 06049256 (Generated: 01/04/2024 09:27:56) Rev: 1

Contact/Location: TINA LEDOUX - VOLVO6244