CONSTRUCTION EQUIPMENT X47601 VOLVO EC350 314390 - FRONT LEFT FINAL DRIVE



VOLVO

Oil Type:	VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:	X47601

VOLVO							
SAMPLE INFORMATION							
Sample Number	-	VCP425382					
Sample Date		13 Sep 2023					
Machine Hours		2122					
Oil Hours		0					
Oil Changed		N/A					
Sample Status		SEVERE					
Visc @ 40°C	cSt	<mark>▲</mark> 353					
VOLVO							
Silicon	ppm	e 2931					
Sodium	ppm	40					
Potassium	ppm	75					
WEAR METALS							
Iron	ppm	• 10402					
Copper	ppm	18					
Lead	ppm	 <1					
Tin	ppm	2					
Aluminum	ppm	<u> </u>					
Chromium	ppm	🏓 159					
Molybdenum	ppm	20					
Nickel	ppm	16					
Titanium	ppm	31					
Silver	ppm	0					
Manganese	ppm	85					
Vanadium	ppm	1					
VOLVO							

ADDITIVES Calcium 201 ppm Magnesium 45 ppm 25 Zinc ppm Phosphorus 434 ppm Barium 3 ppm Boron ppm 5



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. The iron and chrome levels are severe. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil viscosity is higher than normal. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VOLVO6244

 Unique No:
 10659104

 Signed:
 Don Baldridge

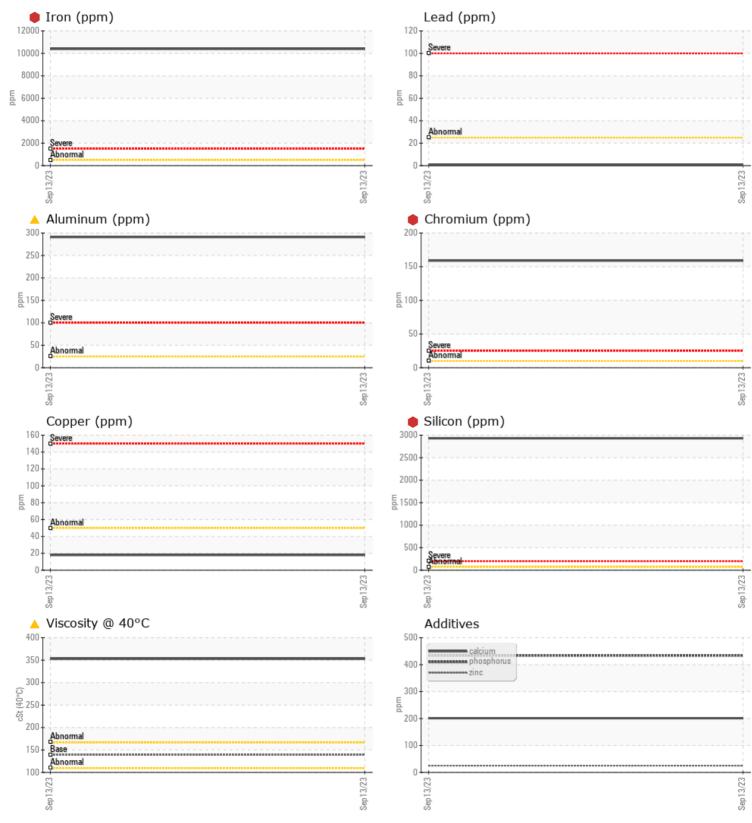
 Report Date:
 23 Sep 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO6244 [WUSCAR] 05957891 (Generated: 09/25/2023 09:23:22) Rev: 1

Contact/Location: TINA LEDOUX - VOLVO6244