CONSTRUCTION EQUIPMENT X48269 VOLVO EC350EL 314338 - RIGHT FINAL DRIVE

Sample No:	VCP430457
Oil Type:	GEAR OIL SAE 80W90
Job No:	X48269

SAMPLE INFORMATION

VOLVO

Sample Number	•	VCP430457	 	
Sample Date		14 Feb 2024	 	
Machine Hours		2027	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		SEVERE	 	
OIL COND	ITION			
Visc @ 40°C	cSt	240	 	
CONTAM	INATION			
Water	%	NEG	 	
Silicon	ppm	4177	 	
Sodium	ppm	25	 	
Potassium	ppm	54	 	
VOLVO				
WEAR MI	ETALS			
Iron	ppm	🛑 10618	 	
Copper	ppm	16	 	
Lead	ppm	■ <1	 	
Tin	ppm	∎1	 	
Aluminum	ppm	333	 	
Chromium	ppm	e 120	 	
Molybdenum	ppm	1 8	 	
Nickel	ppm	<u> </u>	 	
Titanium	ppm	5 1	 	
Silver	ppm	0	 	
Manganese	ppm	80	 	
Vanadium	ppm	2	 	
VOLVO			 	
	Z			
Calcium	ppm	56	 	

SCOTT EQUIPMENT COMPANY LLC - Lake Charles PO BOX 16955 LAKE CHARLES, LA US 70616 Contact: TINA 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.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:	VOLVO6244
Unique No:	10887352
Signed:	Sean Felton
Report Date:	22 Feb 2024

39

19

6 🔲

2

284

Magnesium

Phosphorus

Zinc

Barium

Boron

ppm

ppm

ppm

ppm

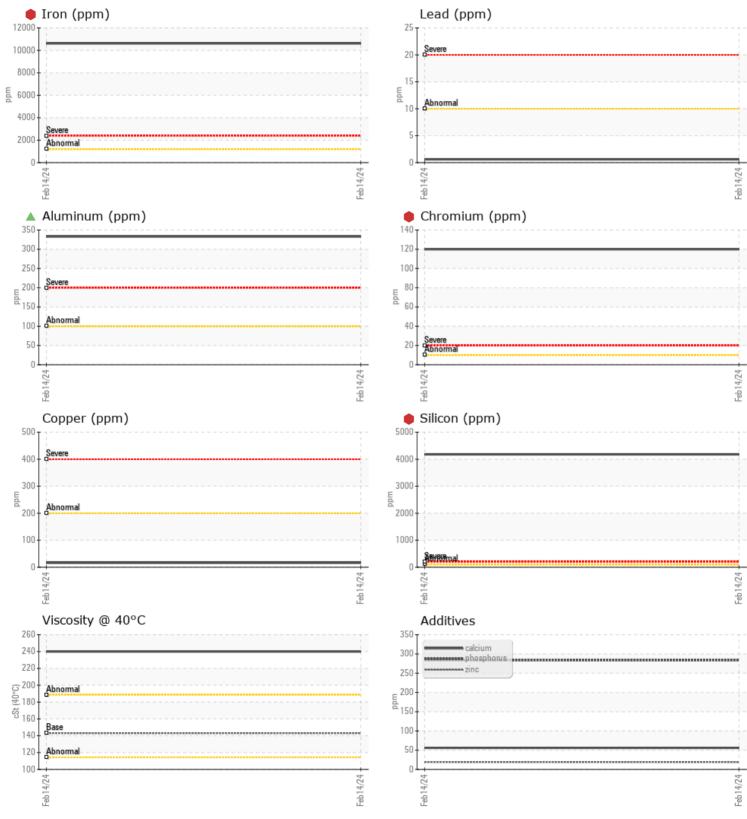
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO6244 [WUSCAR] 06094499 (Generated: 02/22/2024 09:11:57) Rev: 1

Contact/Location: TINA LEDOUX - VOLVO6244