CONSTRUCTION EQUIPMENT X58459 VOLVO EC350EL 314368 - REAR LEFT FINAL DRIVE

 Sample No:
 VCP406522

 Oil Type:
 NOT GIVEN

 Job No:
 x58459

VOLVO

SAMPLE	INFORMATION	l		
Sample Number		VCP406522	 	
Sample Date		24 Aug 2023	 	
Machine Hours		1476	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CON	DITION			
Visc @ 40°C	cSt	181	 	
VOLVO				
	AINATION		 -	
Silicon	ppm	<mark>▲</mark> 368	 	
Sodium	ppm	<b>10</b>	 	
Potassium	ppm	26	 	
VOLVO				
WEAR M	IETALS			
Iron	ppm	<u> </u>	 	
Copper	ppm	∎1	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	<u> </u>	 	
Chromium	ppm	<u> </u>	 	
Molybdenum	ppm	2	 	
Nickel	ppm	2	 	
Titanium	ppm	5	 	
Silver	ppm	0	 	
Manganese	ppm	11	 	
Vanadium	ppm	<1	 	
VOLVO			 	
ADDITIV	/ES			
Calcium	ppm	24	 	
Magnesium	ppm	17	 	
Zinc	ppm	13	 	
Phosphorus	ppm	259	 	
Barium	ppm	0	 	



SCOTT EQUIPMENT COMPANY LLC - Saint Rose PO BOX 997 SAINT ROSE, LA US 70087 Contact: DENISE CORVERS dcorvers@scottcompanies.com T: (504)461-0961 F: (504)461-0970

## Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.Gear wear is indicated. All other metal levels are typical for a new component breaking in. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

Depot:SCOSAIUnique No:10619191Signed:Don BaldridgeReport Date:26 Aug 2023

0

ppm

Boron

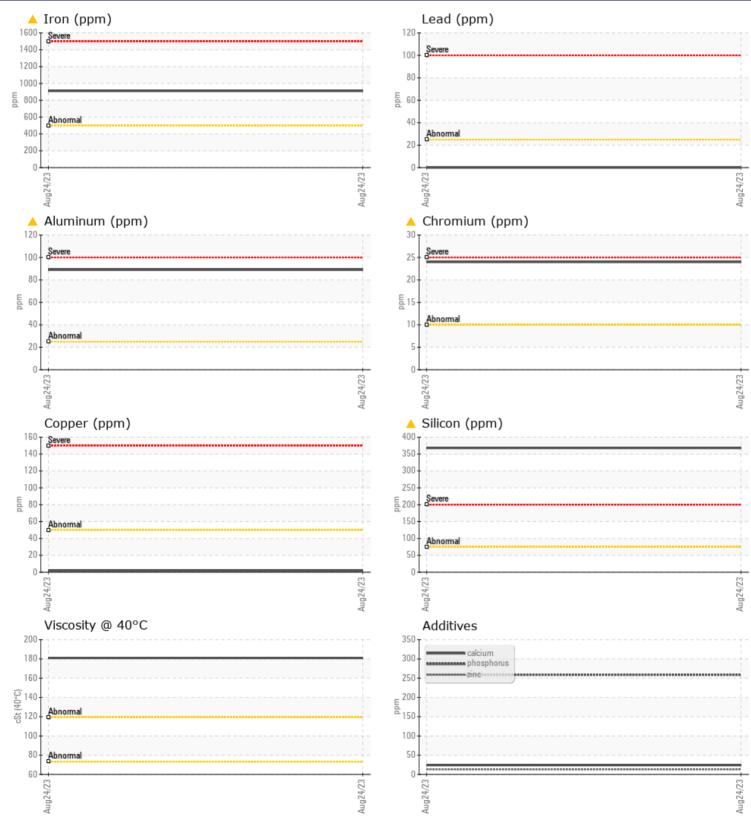
Contact/Location: DENISE CORVERS - SCOSAI

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: SCOSAI [WUSCAR] 05933920 (Generated: 08/28/2023 14:43:46) Rev: 1

Contact/Location: DENISE CORVERS - SCOSAI