CONSTRUCTION EQUIPMENT SPM701371 VOLVO ECR235EL 310702 - LEFT FINAL DRIVE

Sample No:	VCP443528		
Oil Type:	GEAR OIL SAE 80W90		
Job No:	SPM701371		

VOLVO

## SAMPLE INFORMATION VCP443528 Sample Number Sample Date 12 Apr 2024 Machine Hours 4256 Oil Hours 0 Oil Changed Changed ABNORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt **41.6** CONTAMINATION Water % 0.165 Silicon 18 ppm Sodium 7 ppm Potassium ppm ■ <1 WEAR METALS Iron ppm 18 Copper ppm Lead ppm **||** <1 Tin ppm **||** <1

Aluminum	ppm	0	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	3	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	∎1	 	
Vanadium	ppm	0	 	

**ADDITIVES** Calcium 3822 ppm 9 Magnesium ppm Zinc ppm 1567 Phosphorus 1372 ppm Barium 0 🔲 ppm Boron 150 ppm



## ALTA EQUIPMENT CO - ORLAND PARK

5000 INDUSTRIAL HWY GARY, IN US 46406 Contact: DAVE ENG DAVE.ENG@ALTG.COM T: (312)350-2560 F:

## Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.

 Depot:
 VOLVO8885

 Unique No:
 10990247

 Signed:
 Don Baldridge

 Report Date:
 23 Apr 2024

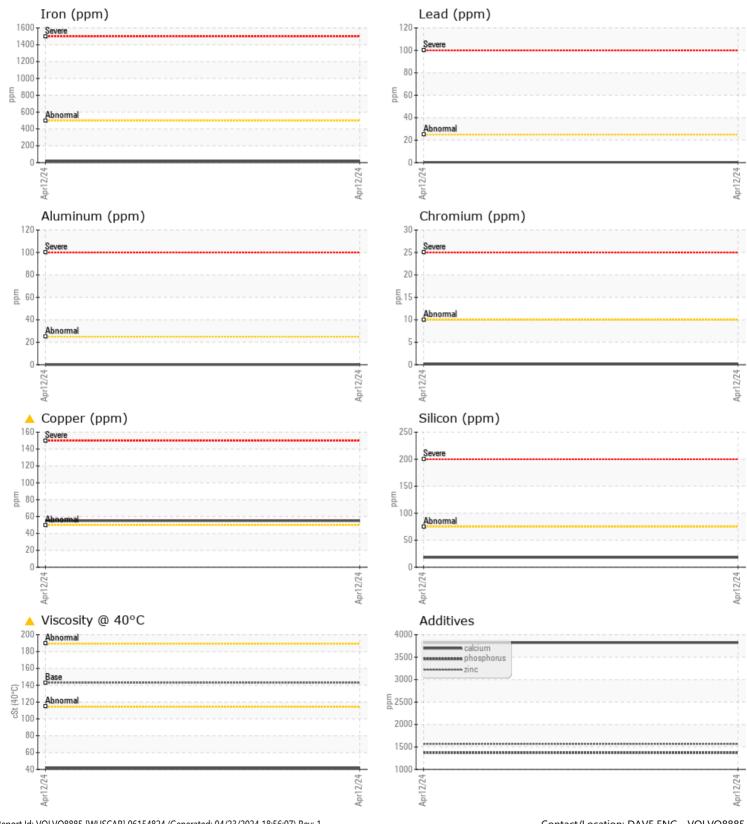
 Contact/Location: DAVE ENG - VOLVO8885

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8885 [WUSCAR] 06154824 (Generated: 04/23/2024 18:56:07) Rev: 1

Contact/Location: DAVE ENG - VOLVO8885