CONSTRUCTION EQUIPMENT SW0068513 UR KOBELCO SK130LC-11 LP10030684 - DIESEL ED

 Sample No:
 VCP430892

 Oil Type:
 DIESEL ENGINE OIL SAE 15W40

 Job No:
 SWO068513 UR

VOLVO

## SAMPLE INFORMATION VCP430892 Sample Number Sample Date 20 Dec 2023 Machine Hours 1020 Oil Hours 0 Oil Changed Not Changd NORMAL Sample Status OIL CONDITION Visc @ 100°C cSt 12.5 Base Number (BN) mg KOH/g 8.4 Oxidation (PA) 47 %

Contai	MINATION			
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	39	 	
Sulfation (PA)	%	46	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	4	 	
Sodium	ppm	<b></b> <1	 	
Potassium	ppm	0	 	

WEAR METALS

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Iron	ppm	3	 	
Copper	ppm	3	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	42	 	
Nickel	ppm	0	 	
Titanium	ppm	<b>12</b>	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	<1	 	

ADDITIVES							
Calcium	ppm	982					
Magnesium	ppm	677					
Zinc	ppm	<b>1081</b>					
Phosphorus	ppm	937					
Barium	ppm	0					
Boron	ppm	26					



## COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE PENSACOLA, FL US 32534 Contact: HUGH DOBBS HDOBBS@COWIN.COM T: (850)479-3004 F: (850)474-1602

## Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VOLVO8247

 Unique No:
 10803546

 Signed:
 Wes Davis

 Report Date:
 26 Dec 2023

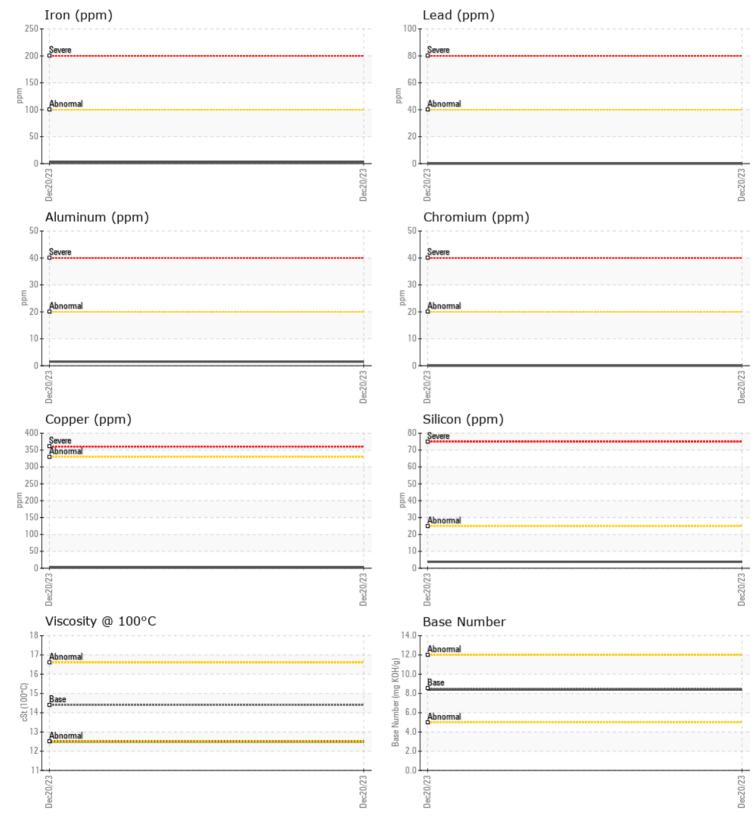
Contact/Location: HUGH DOBBS - VOLVO8247

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: HUGH DOBBS - VOLVO8247