CONSTRUCTION EQUIPMENT SWA413011 WALSH CONS VOLVO ECR145EL 315516 - DIESEL EN

Sample No: VCP441627

VOLVO

Oil Type: DIESEL ENGINE OIL SAE 15W40 Job No: SWA413011 WALSH CONS

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## SAMPLE INFORMATION VCP441627 Sample Number Sample Date 10 Nov 2023 Machine Hours 2093 Oil Hours 0 Oil Changed Not Changd NORMAL Sample Status OIL CONDITION Visc @ 100°C cSt 13.0 Base Number (BN) mg KOH/g 10.5 Oxidation (PA) 78 %

CONTAN	MINATION			
Soot %	%	0.2	 	
Nitration (PA)	%	49	 	
Sulfation (PA)	%	60	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	5	 	
Sodium	ppm	<b></b> <1	 	
Potassium	ppm	<b></b> <1	 	

VOLVO

WEAR N	METALS			
Iron	ppm	7	 	
Copper	ppm	0	 	
Lead	ppm	0	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm		 	
Molybdenum	ppm	33	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	0	 	

ADDITIV	ES			
Calcium	ppm	<b>1595</b>	 	
Magnesium	ppm	519	 	
Zinc	ppm	<b>910</b>	 	
Phosphorus	ppm	755	 	
Barium	ppm	0	 	
Boron	ppm	<b>60</b>	 	



## 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

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:
 VOLVO8885

 Unique No:
 10740613

 Signed:
 Wes Davis

 Report Date:
 15 Nov 2023

Report Id: VOLVO8885 [WUSCAR] 06006851 (Generated: 11/15/2023 12:33:10) Rev: 1

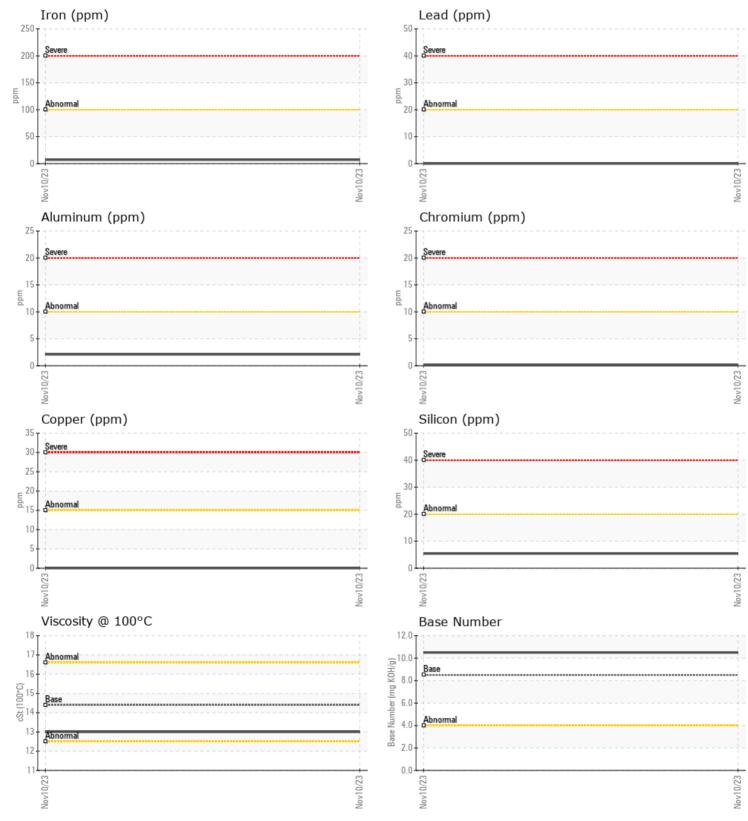
Contact/Location: DAVE ENG - VOLVO8885

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8885 [WUSCAR] 06006851 (Generated: 11/15/2023 12:33:12) Rev: 1

Contact/Location: DAVE ENG - VOLVO8885