## CONSTRUCTION EQUIPMENT 18915 HERC VOLVO EC200EL 314175 - DIESEL ENGINE



 Sample No:
 VCP417577

 Oil Type:
 VOLVO ULT

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 18915 HERC



Job No:

## 

Sample Number		VCP417577	 	
Sample Date		22 Jun 2023	 	
Machine Hours		2078	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDI				
Visc @ 100°C	cSt	<b>13.6</b>	 	
Base Number (BN)	mg KOH/g	8.4	 	
Oxidation (PA)	%	60	 	
CONTAMI				
	NATION			
Soot %	%	0.1	 	
Soot % Nitration (PA)	-	■0.1 38	 	
	%			
Nitration (PA)	%	38	 	
Nitration (PA) Sulfation (PA)	% % %	38 57	 	
Nitration (PA) Sulfation (PA) Glycol	% % % %	38 57 NEG	 	
Nitration (PA) Sulfation (PA) Glycol Fuel	% % % %	38 57 NEG <1.0	   	

WFAR

WEAR I	METALS			
Iron	ppm	4	 	
Copper	ppm	<b></b> <1	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	0	 	
Chromium	ppm		 	
Molybdenum	ppm	92	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	<b></b> <1	 	
Vanadium	ppm	0	 	

Calcium ppm Magnesium ppm	<b>1362</b> <b>398</b>	 	
Magnesium ppm	398		
Zinc ppm	1111	 	
Phosphorus ppm	925	 	
Barium ppm	0	 	
Boron ppm	431	 	



117 - ASCENDUM MACHINERY INC - GREENVILLE 2002 N GREENE ST GREENVILLE, NC US 27834

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## 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:
 VOLVO8769

 Unique No:
 10538781

 Signed:
 Don Baldridge

 Report Date:
 04 Jul 2023

Report Id: VOLVO8769 [WUSCAR] 05888298 (Generated: 07/04/2023 16:54:08) Rev: 1

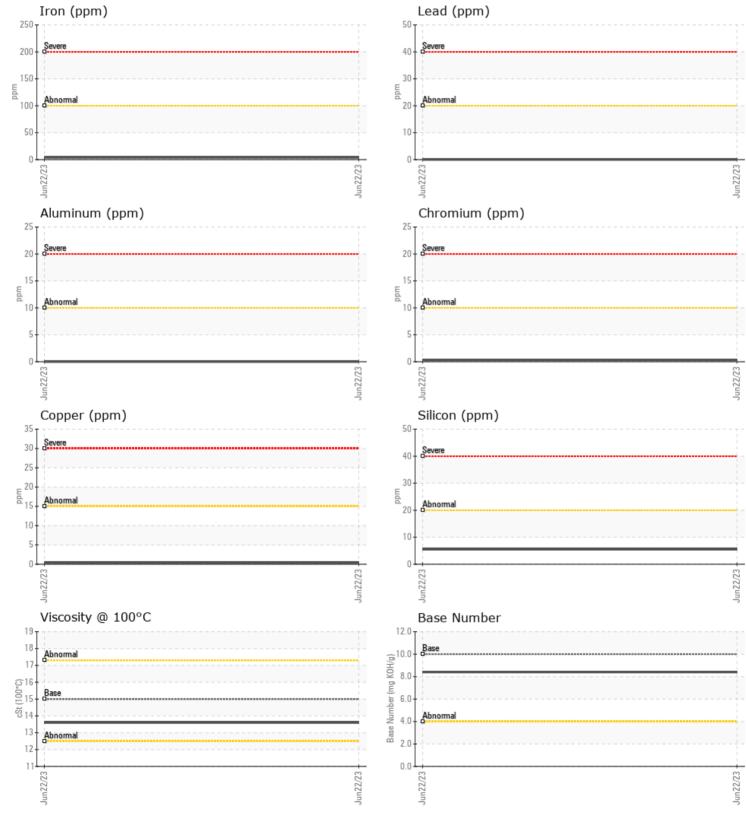
Contact/Location: BRANDON JENKINS - VOLVO8769

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8769 [WUSCAR] 05888298 (Generated: 07/04/2023 16:54:10) Rev: 1

Contact/Location: BRANDON JENKINS - VOLVO8769