

CONSTRUCTION EQUIPMENT CEDAR RIDGE DAIRY VOLVO L70H 623743 - DIESEL ENGINE

Sample No: VCP382617 **Oil Type:** MOBIL 15W40 Job No: CEDAR RIDGE DAIRY

	NFORMATION			
		VCP382617	 	
Sample Number				
Sample Date		15 Dec 2022	 	
Machine Hours		4576	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
VOLVO				
OIL CONDI	TION			
Visc @ 100°C	cSt	13.5	 	
Base Number (BN)		8.3	 	
Oxidation (PA)	%	65	 	
	70	05	 	
VOLVO				
CONTAMIN	NATION			
Soot %	%	0.8	 	
Nitration (PA)	%	77	 	
Sulfation (PA)	%	62	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	4	 	
Sodium	ppm	2	 	
Potassium	ppm	0	 	
VOLVO	TALC			
WEAR ME	TALS			
Iron	ppm	11	 	
Copper	ppm	□ <1	 	
Lead	ppm	□<1	 	
Tin	ppm		 	
Aluminum	ppm	5	 	
Chromium	ppm		 	



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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.

WEAR METALS								
Iron	ppm	1 1						
Copper	ppm							
Lead	ppm	■ <1						
Tin	ppm							
Aluminum	ppm	5						
Chromium	ppm	□ <1						
Molybdenum	ppm	65						
Nickel	ppm							
Titanium	ppm	<1						
Silver	ppm	0						
Manganese	ppm	 <1						
Vanadium	ppm	0						

ADDITIVES 1554 Calcium ppm Magnesium ppm 683 1308 Zinc ppm Phosphorus ppm 1032 Barium 0 🔲 ppm 112 Boron ppm

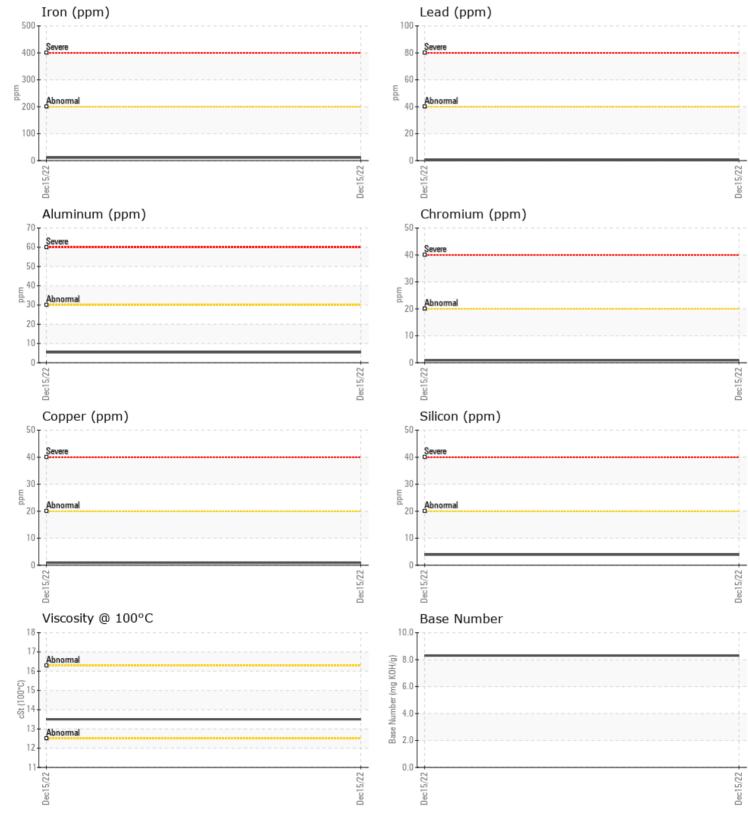
Depot: VOLVO1835 Unique No: 10272408 Signed: Wes Davis Report Date: 02 Jan 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO1835 [WUSCAR] 05727827 (Generated: 09/26/2023 10:41:08) Rev: 1

Contact/Location: JANAE HYMAS - VOLVO1835