## **CONSTRUCTION EQUIPMENT** 580970 PRINCE VOLVO L90H 626456 - DIESEL ENGINE



Sample No:VCP412615Oil Type:VOLVO ULTR.

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

580970 PRINCE

## SAMPLE INFORMATION

Sample Number	-	VCP412615	VCP395875		
Sample Date		21 Jul 2023	26 Feb 2023		
Machine Hours		1396	627		
Oil Hours		0	0		
Oil Changed		Changed	Changed		
Sample Status		NORMAL	NORMAL		
OIL COND	ITION				
Visc @ 100°C	cSt	<b>13.2</b>	12.7		
Base Number (BN)	mg KOH/g	9.9	10.2		
Oxidation (PA)	%	82	75		
CONTAMI	NATION	_		_	
Soot %	%	0.3	0.2		
Nitration (PA)	%	68	61		

(PA)	%	60	60	 
	%	NEG	NEG	 
	%	<1.0	< 1.0	 
	ppm	8	12	 
	ppm	3	<b></b> <1	 
า	ppm	0	□ <1	 

Potassium

Glycol

Fuel Silicon Sodium

WEAR N	METALS			
Iron	ppm	17	20	 
Copper	ppm	2	7	 
Lead	ppm	0	0	 
Tin	ppm	2	3	 
Aluminum	ppm	<b>4</b>	12	 
Chromium	ppm	2	<1	 
Molybdenum	ppm	50	47	 
Nickel	ppm	0	0	 
Titanium	ppm	<1	0	 
Silver	ppm	0	0	 
Manganese	ppm	<b>1</b>	2	 
Vanadium	ppm	<1	0	 

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ADDITIVES					
Calcium	ppm	<b>1802</b>	1535		
Magnesium	ppm	650	529		
Zinc	ppm	<b>1217</b>	1064		
Phosphorus	ppm	<b>1004</b>	895		
Barium	ppm	0	3		
Boron	ppm	26	69		



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC

9601 BOGGY CREEK RD ORLANDO, FL US 32824 Contact: Robert LaPlante robert.laplante@altg.com T: (407)508-9736 F: (407)659-8720

## 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:
 VOLVO0096

 Unique No:
 10573962

 Signed:
 Wes Davis

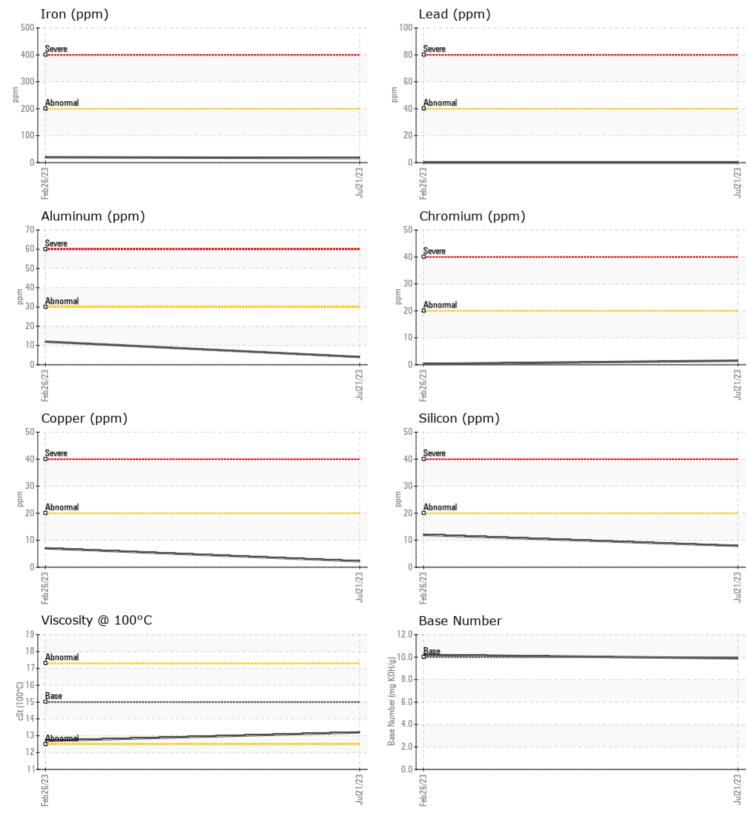
 Report Date:
 27 Jul 2023

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0096 [WUSCAR] 05907310 (Generated: 07/27/2023 04:27:14) Rev: 1

Contact/Location: Robert LaPlante - VOLVO0096