## CONSTRUCTION EQUIPMENT 700664 SYNERGY VOLVO L70H 623769 - DIESEL ENGINE



 Sample No:
 VCP443736

 Oil Type:
 VOLVO ULTR

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

Silicon

Sodium

Potassium

ppm

ppm

ppm

7

2

0

700664 SYNERGY

## SAMPLE INFORMATION VCP443736 Sample Number VCP440375 Sample Date 03 Apr 2024 05 Oct 2023 Machine Hours 3496 3003 Oil Hours 0 0 Oil Changed Changed Changed NORMAL ABNORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.3 7.3 Base Number (BN) mg KOH/g 9.4 10.3 Oxidation (PA) 87 33 % CONTAMINATION NEG % NEG Water % Soot % 0.3 0.1 Nitration (PA) 74 % 23 % 63 51 Sulfation (PA) % Glycol NEG NEG Fuel % 1.3 <1.0



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC

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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	<b>16</b>	114					
Copper	ppm	2	▲ 36					
Lead	ppm	0	< 1					
Tin	ppm		4					
Aluminum	ppm	<b>10</b>	< 1					
Chromium	ppm	<b>1</b>	5					
Molybdenum	ppm	<b>41</b>	5					
Nickel	ppm	0	<1					
Titanium	ppm	0	0					
Silver	ppm	0	0					
Manganese	ppm	■ <1	9					
Vanadium	ppm	0	0					

15

7

0

ADDITIVES								
Calcium	ppm	<b>1685</b>	3810					
Magnesium	ppm	508	24					
Zinc	ppm	<b>1140</b>	1646					
Phosphorus	ppm	960	1317					
Barium	ppm	0	0					
Boron	ppm	33	135					

 Depot:
 VOLVO0096

 Unique No:
 10965819

 Signed:
 Wes Davis

 Report Date:
 09 Apr 2024

Report Id: VOLVO0096 [WUSCAR] 06141011 (Generated: 04/09/2024 08:37:49) Rev: 1

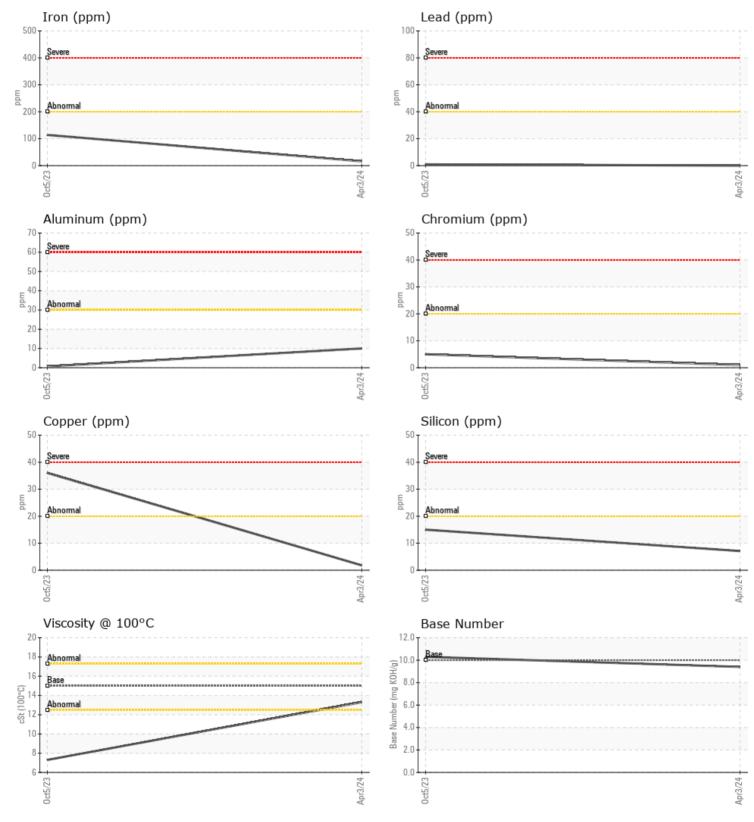
Contact/Location: Robert LaPlante - VOLVO0096

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: Robert LaPlante - VOLVO0096