## CONSTRUCTION EQUIPMENT SW-26481-2 AXIS VOLVO L70H 624268 - DIESEL ENGINE



Sample No:VCP412564Oil Type:VOLVO ULTRA

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

Silicon

Sodium

Potassium

ppm

ppm

ppm

7

0 🔲

0

SW-26481-2 AXIS

## SAMPLE INFORMATION VCP412564 Sample Number VCP404704 Sample Date 10 Nov 2023 30 May 2023 Machine Hours 2110 1586 530 Oil Hours 500 Changed Oil Changed Changed NORMAL Sample Status NORMAL **OIL CONDITION** 14.0 Visc @ 100°C cSt 13.6 7.8 Base Number (BN) mg KOH/g 9.9 Oxidation (PA) 58 65 % CONTAMINATION NEG % NEG Water % Soot % 0.7 0.5 Nitration (PA) % 58 69 % 55 58 Sulfation (PA) Glycol % NEG NEG Fuel % <1.0 <1.0



ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: TJ LARK tlark@arnoldmachinery.com T: (801)972-4000 F: (801)975-9434

## 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.

VOLVO				
🤍 WEAR I	METALS			
Iron	ppm	14	18	 
Copper	ppm	0	0	 
Lead	ppm	0	0	 
Tin	ppm	<b>1</b>	0	 
Aluminum	ppm	6	6	 
Chromium	ppm	<b>1</b>	2	 
Molybdenum	ppm	56	7	 
Nickel	ppm	0	0	 
Titanium	ppm	0	0	 
Silver	ppm	0	0	 
Manganese	ppm	□<1	< 1	 
Vanadium	ppm	0	0	 

10

1

5

ADDITIVES								
Calcium	ppm	🔳 1199	2239					
Magnesium	ppm	<b>919</b>	95					
Zinc	ppm	1314	1324					
Phosphorus	ppm	<b>1071</b>	1013					
Barium	ppm	0	0					
Boron	ppm	<b>1</b> 4	140					

 Depot:
 VOLVO8770

 Unique No:
 10749769

 Signed:
 Don Baldridge

 Report Date:
 20 Nov 2023

Report Id: VOLVO8770 [WUSCAR] 06010625 (Generated: 11/20/2023 16:53:20) Rev: 1

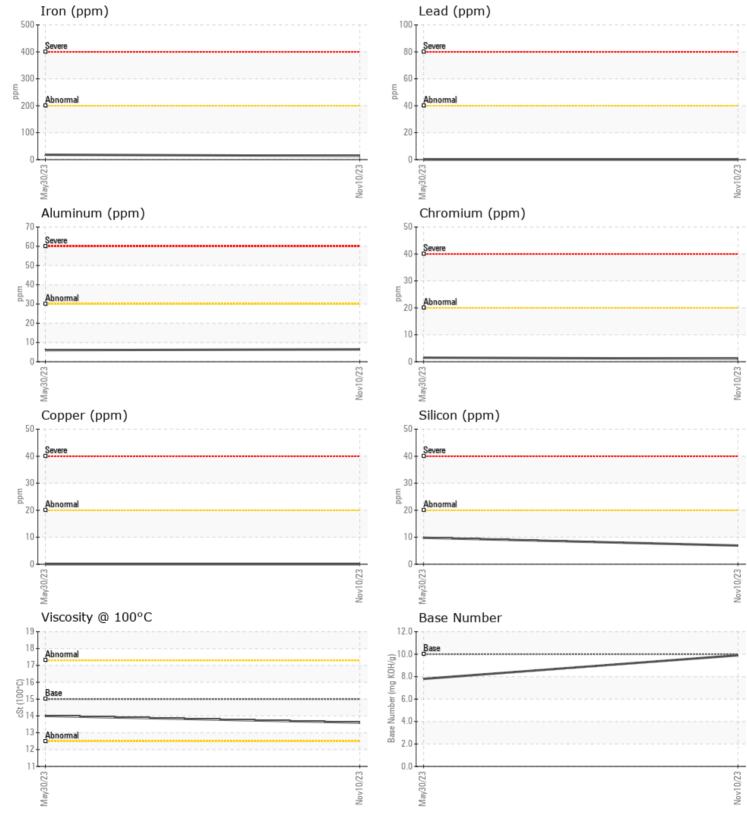
Contact/Location: TJ LARK - VOLVO8770

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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