CONSTRUCTION EQUIPMENT

SW-28378-2 CMC ROCK VOLVO EC480EL 315023 - RIGHT SWING DRI

 Sample No:
 VCP412544

 Oil Type:
 VOLVO PREMIUM GEAR OIL 80W-90 GL-5

 Job No:
 SW-28378-2 CMC ROCK

SAMPLE INFORMATION

Magnesium

Phosphorus

Zinc

Barium

Boron

ppm

ppm

ppm

ppm

ppm

VOLVO

SAMPLE	INFURMATION					
Sample Number		VCP412544	VCP419280			
Sample Date		04 Jan 2024	16 Jun 2023			
Machine Hours		2330	1010			
Oil Hours		2330	1010			
Oil Changed		Changed	Changed			
Sample Status		NORMAL	NORMAL			
OIL CONDITION						
Visc @ 40°C	cSt	163	158			
VOLVO						
CONTAM	INATION					
Water	%	NEG	NEG			
Silicon	ppm	1 3	5			
Sodium	ppm	1	<1			
Potassium	ppm	2	1			
WEAR M	ETALS					
Iron	ppm	745	112			
Copper	ppm	23	16			
Lead	ppm	 <1	0			
Tin	ppm	 <1	0			
Aluminum	ppm	1	<1			
Chromium	ppm	8	2			
Molybdenum	ppm	33	1			
Nickel	ppm	 <1	 <1			
Titanium	ppm	<1	0			
Silver	ppm	0	0			
Manganese	ppm	7	2			
Vanadium	ppm	0	0			
ADDITIV	ES					
Calcium	ppm	39	11			

< 1

39

919

0175

	1.0
4	NY TO
Z	

ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: TONY PAYAN tpayan@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 condition of the oil is acceptable for the time in service.

Depot:	VOI VO8770		
Unique No:	10836572		
Signed:	Wes Davis		
Report Date:	19 Jan 2024		

2

55 🔲

|| <1

141

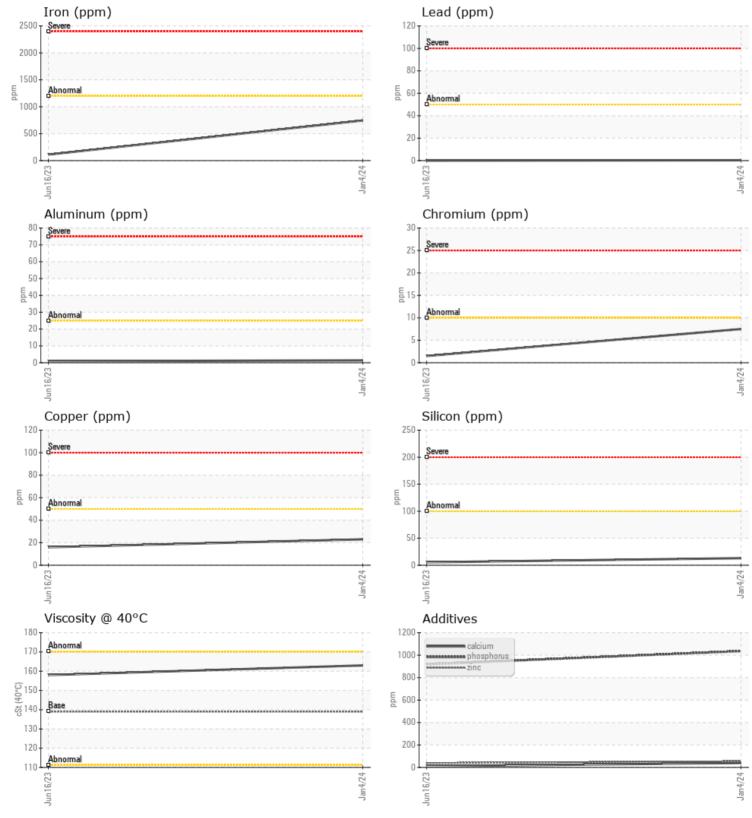
1036

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8770 [WUSCAR] 06065190 (Generated: 01/19/2024 15:36:19) Rev: 1

Contact/Location: TONY PAYAN - VOLVO8770