CONSTRUCTION EQUIPMENT

SW-24085-2 GRANT MAC VOLVO EC480E 310924 - LEFT SWING D

Sample No: VCP412473

VOLVO

Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5 Job No: SW-24085-2 GRANT MAC

SAMPLE INFORMATION

Barium

Boron

Sample Number		VCP412473	VCP353831	
Sample Date		14 Sep 2023	26 May 2022	
Machine Hours		7932	5705	
Oil Hours		2100	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	MARGINAL	
OIL CONE	DITION			
Visc @ 40°C	cSt	145	140	
CONTAM	INATION			
Silicon	ppm	∎11	18	
Sodium	ppm	1	0	
Potassium	ppm	0	1	
WEAR M	ETALS			
Iron	ppm	721	1 132	
Copper	ppm	9	14	
Lead	ppm	0	0	
Tin	ppm	0	0	
Aluminum	ppm	1	2	
Chromium	ppm	6	11	
Molybdenum	ppm	0	1	
Nickel	ppm	0	0	



ARNOLD MACHINERY COMPANY

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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 condition of the oil is acceptable for the time in service.

Tin	ppm	0	0	 	
Aluminum	ppm	1	2	 	
Chromium	ppm	6	11	 	
Molybdenum	ppm	0	1	 	
Nickel	ppm	0	0	 	
Titanium	ppm	0	<1	 	
Silver	ppm	0	0	 	
Manganese	ppm	5	10	 	
Vanadium	ppm	0	0	 	
	22				
	<u> </u>			 	
Calcium	ppm	11	30	 	
Magnesium	ppm	2	1	 	
Zinc	ppm	32	49	 	
Phosphorus	ppm	1074	895	 	

0

112

Depot: VOLV08770 Unique No: 10659108 Signed: Wes Davis Report Date: 22 Sep 2023

0

154

ppm

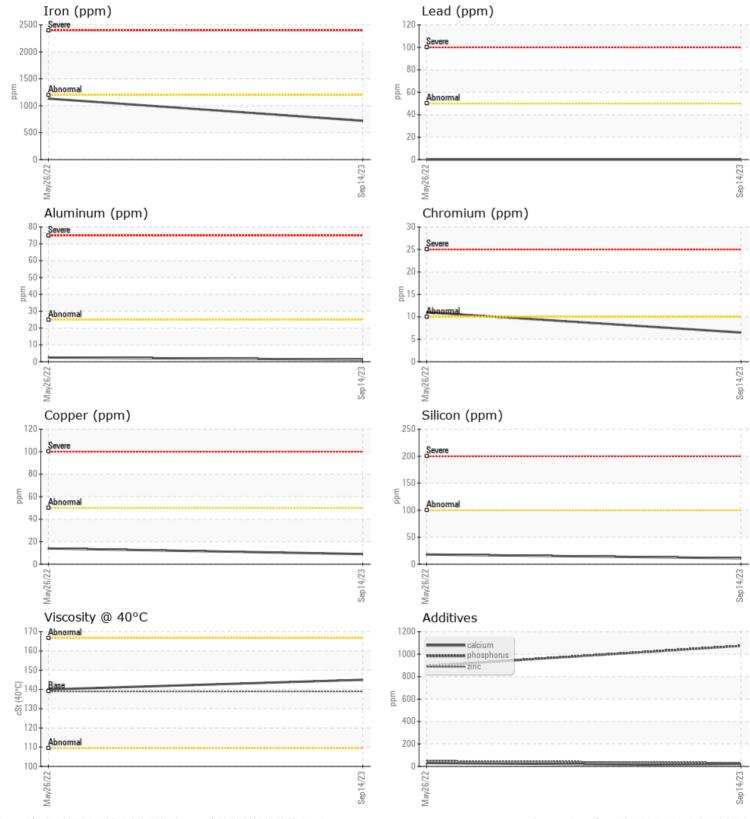
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8770 [WUSCAR] 05957895 (Generated: 09/30/2023 22:12:23) Rev: 1

Contact/Location: TONY PAYAN - VOLVO8770