CONSTRUCTION EQUIPMENT 729177 MOSAIC VOLVO EC380 315267 - REAR LEFT FINAL DRIVE

 Sample No:
 VCP443968

 Oil Type:
 VOLVO PREMIUM GEAR OIL 85W-140 GL-5

 Job No:
 729177 MOSAIC

SAMPLE INFORMATION

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

VOLVO

Sample Number	-	VCP443968	VCP408642	
Sample Date		13 Jun 2024	10 May 2023	
Machine Hours		1033	496	
Oil Hours		500	0	
Oil Changed		Changed	Not Changd	
Sample Status		ABNORMAL	NORMAL	
OIL CON	DITION			
Visc @ 40°C	cSt	145	151	
CONTAN	MINATION			
		NEG	NEG	
	%	NEG	NLO	
Water	% ppm	■ 35	10	
Water Silicon				
Water Silicon Sodium Potassium	ppm	35	10	
Water Silicon Sodium	ppm ppm ppm	35	□ 10	
Water Silicon Sodium Potassium	ppm ppm ppm	35 1 2	10 2 1	
Water Silicon Sodium Potassium WEAR N Iron	ppm ppm ppm AETALS ppm	35 1 2 298	□ 10	
Water Silicon Sodium Potassium WEAR N Iron Copper	ppm ppm ppm AETALS ppm ppm	35 1 2	10 2 1 1 58	
Water Silicon Sodium Potassium WEAR N Iron Copper Lead	ppm ppm ppm AETALS ppm	35 1 2 298 3	10 2 1 1 158	
Water Silicon Sodium Potassium WEAR N Iron Copper Lead Tin	ppm ppm ppm ppm AETALS ppm ppm ppm	35 1 2 298 3 0	10 2 1 1 158	
Water Silicon Sodium Potassium WEAR N Iron Copper Lead Tin Aluminum	ppm ppm ppm ppm AETALS ppm ppm ppm ppm	35 1 2 298 3 0 0	10 2 1 1 158 <1 0 0 0	
Water Silicon Sodium Potassium WEAR N Iron Copper Lead Tin Aluminum Chromium	ppm ppm ppm ppm AETALS ppm ppm ppm ppm ppm	298 3 0 0 3 3	10 2 1 1 158 (1 0 0 0 0 0	
Water Silicon Sodium Potassium WEAR N Iron Copper Lead Tin Aluminum Chromium Molybdenum	ppm ppm ppm ppm AETALS ppm ppm ppm ppm ppm ppm	□ 35 □ 1 □ 2 □ 298 □ 3 □ 0 □ 0 □ 3 □ 11	10 2 1 1 1 5 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	
Water Silicon Sodium Potassium WEAR N Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel	ppm ppm ppm ppm AETALS ppm ppm ppm ppm ppm ppm ppm	35 1 2 2 98 3 0 0 0 3 4 11 1	10 2 1 1 158 3 3 4 5 5 5 5 4 1 5 5 5 1 5	
Water Silicon Sodium Potassium WEAR N Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel Titanium	AETALS ppm ppm ppm ppm ppm ppm ppm pp	35 1 2 2 3 0 0 3 4 11 1 1	10 2 1 1 158 3 3 4 5 5 5 5 5 4 1 1 5 5 5 5 5 5 5 5 5 1 5 1	
Water Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	35 1 2 2 3 0 0 3 4 11 1 1 <1 <1 <1	10 2 1 1 158 158 158 1 158 1 1 0 0 0 0 0 5 1 1 1 1 1 1 1 1 1 1 1 1	

15

□ <1 **□** 9

286

0



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: KENNY HANEY khaney@flaglerce.com T: (813)630-0077 F: (813)630-2233

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.The chromium level is abnormal. All other 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:	VOLVO0093		
Unique No:	11127041		
Signed:	Sean Felton		
Report Date:	18 Jul 2024		
Contact/Location: KENNY	HANEY - VOLVO0093		

64

4

37

0 🔲

3

308

ppm

ppm

ppm

ppm

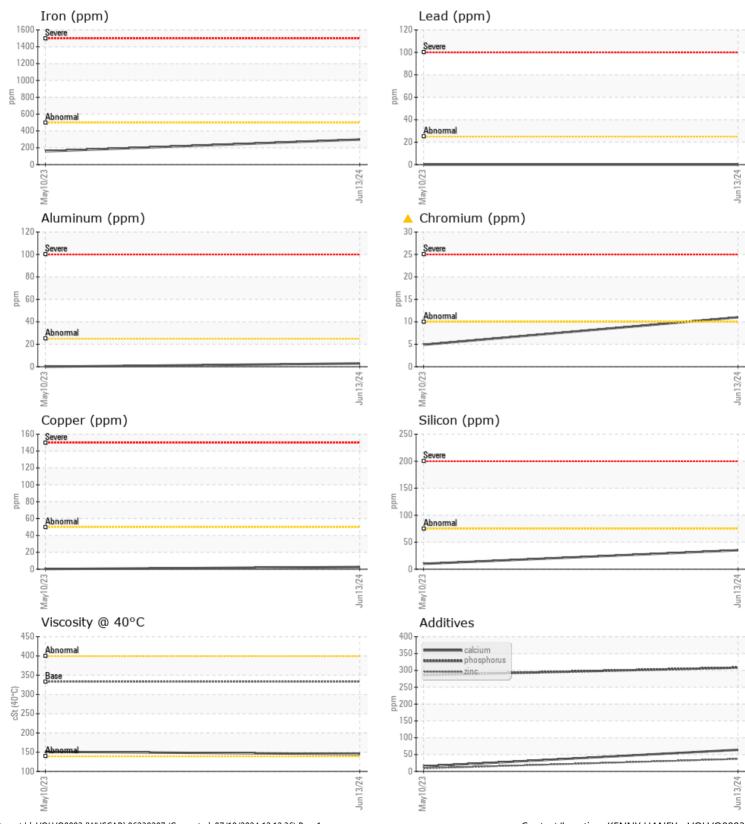
ppm

ppm

CONSTRUCTION EQUIPMENT



VOLVO



Contact/Location: KENNY HANEY - VOLVO0093