



CONSTRUCTION EQUIPMENT

302549 VOLVO EC220 314775 - FRONT RIGHT FINAL DRIVE



Sample No: VCP417978

Oil Type: NOT GIVEN

Job No: 302549



SAMPLE INFORMATION

Sample Number	VCP417978	---	---	---
Sample Date	13 Jul 2023	---	---	---
Machine Hours	1000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



CASCADES RECOVERY US

1845 EMERSON ST
ROCHESTER, NY
US 146063123
Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	█ 174	---	---	---
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T: (585)527-8110
F:



CONTAMINATION

Silicon	ppm	█ 53	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 8	---	---	---

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.



WEAR METALS

Iron	ppm	█ 518	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 12	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	11	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	18	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	11	---	---	---
Phosphorus	ppm	361	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	0	---	---	---

Depot: METROC
Unique No: 10560316
Signed: Don Baldrige
Report Date: 17 Jul 2023

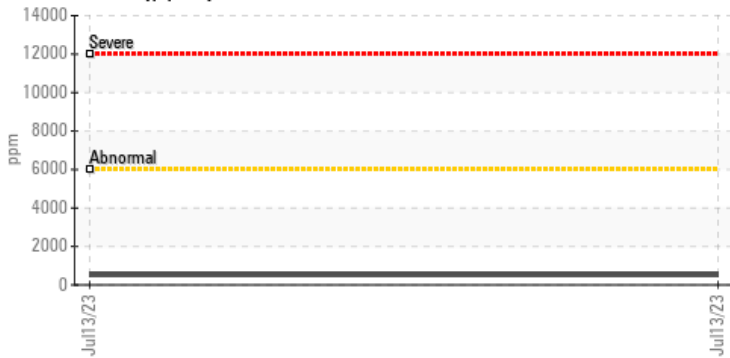


CONSTRUCTION EQUIPMENT

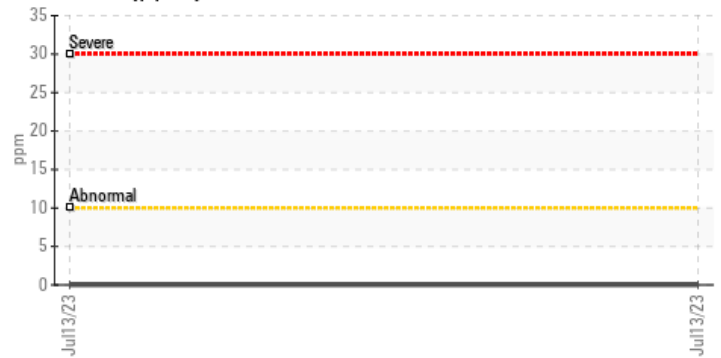


GRAPHS

Iron (ppm)



Lead (ppm)



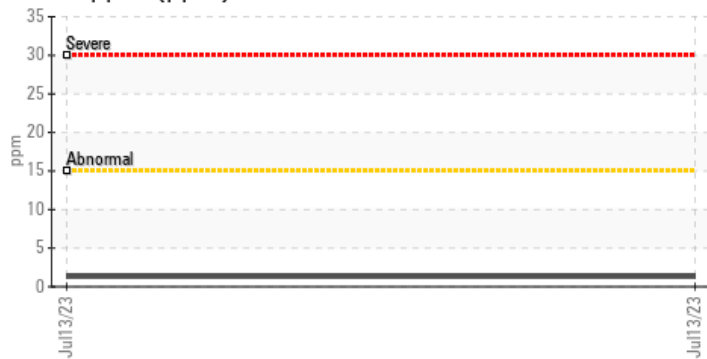
Aluminum (ppm)



Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

