



CONSTRUCTION EQUIPMENT

302549 VOLVO EC220 314775 - FRONT LEFT FINAL DRIVE



Sample No: VCP417975
Oil Type: NOT GIVEN
Job No: 302549



SAMPLE INFORMATION

Sample Number	VCP417975	---	---	---
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	█ 17	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 6	---	---	---

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	█ 396	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	9	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	13	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	12	---	---	---
Phosphorus	ppm	357	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	0	---	---	---

Depot: METROC
Unique No: 10560315
Signed: Don Baldrige
Report Date: 17 Jul 2023

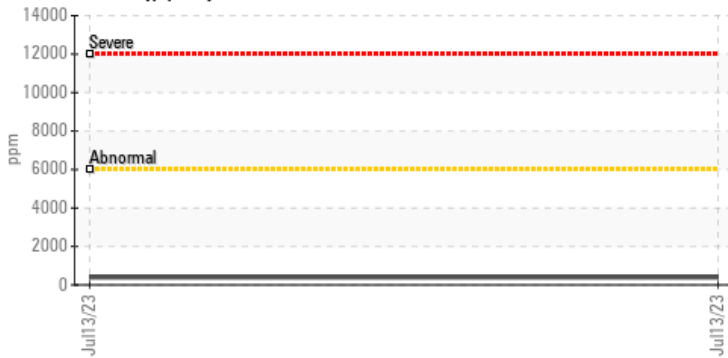


CONSTRUCTION EQUIPMENT

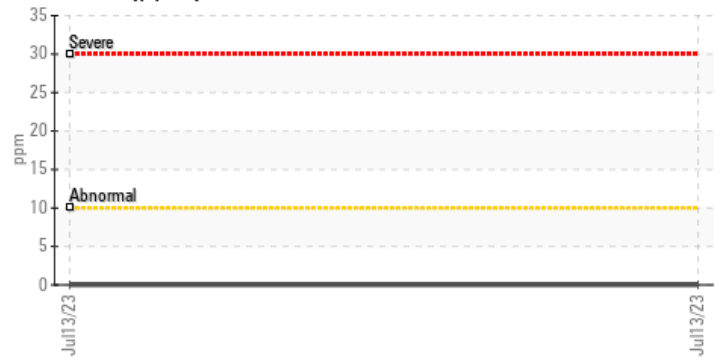


GRAPHS

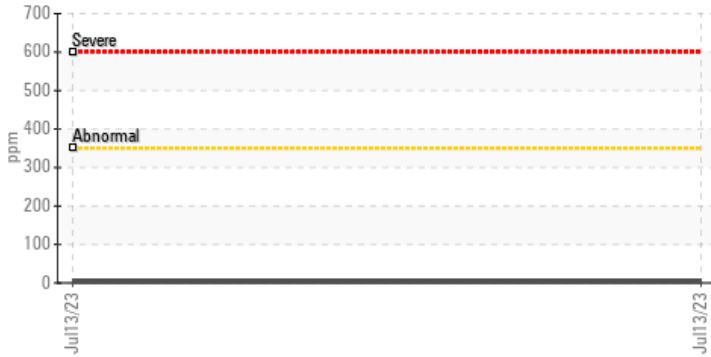
Iron (ppm)



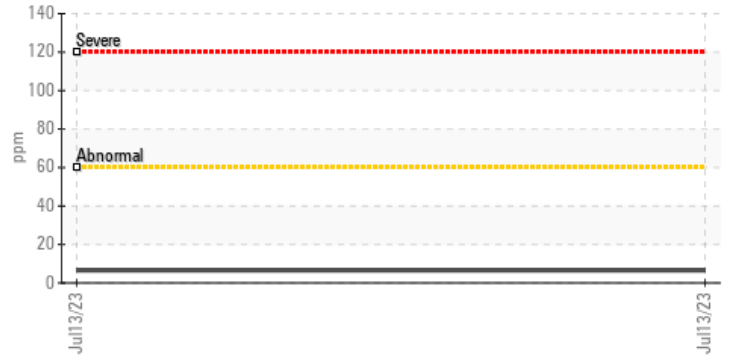
Lead (ppm)



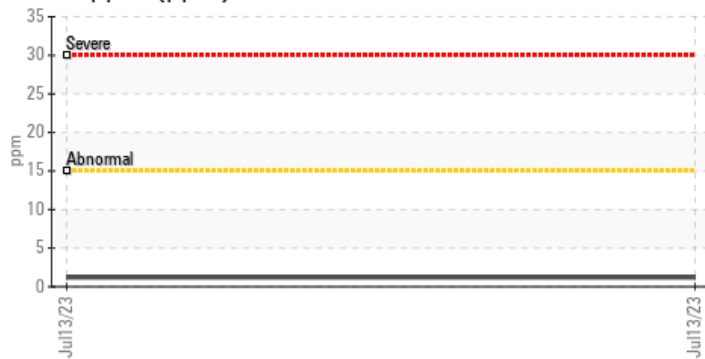
Aluminum (ppm)



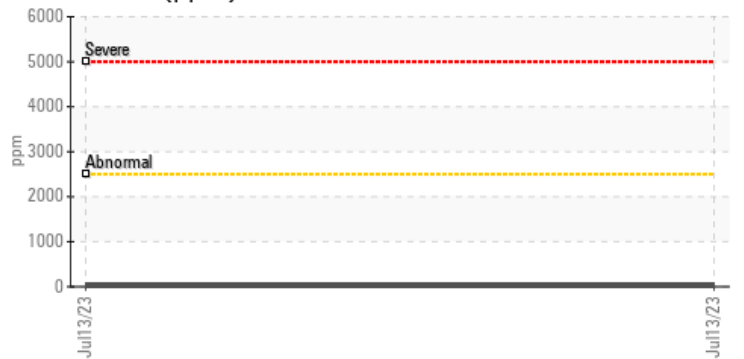
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

