



CONSTRUCTION EQUIPMENT

VOLVO EC220ELR 314248 - FINAL DRIVE



Sample No: VCP0007420
Oil Type: GEAR OIL SAE 80W140
Job No:



ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
 Contact: TECHNICIAN ACCOUNT
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 T:
 F: (904)737-1260



SAMPLE INFORMATION

Sample Number	VCP0007420	---	---	---
Sample Date	19 Oct 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 275	---	---	---
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CONTAMINATION

Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 52	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 26	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 21	---	---	---
Phosphorus	ppm	█ 818	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 139	---	---	---

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: VOLVO0092
Unique No: 10711081
Signed: Don Baldrige
Report Date: 26 Oct 2023

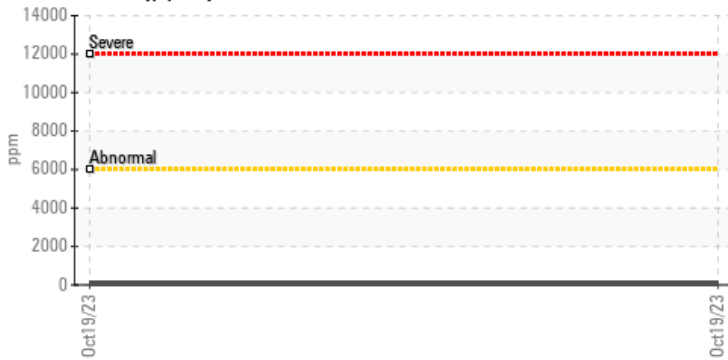


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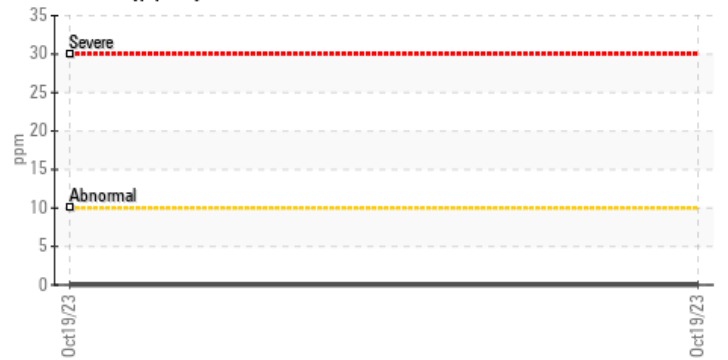


GRAPHS

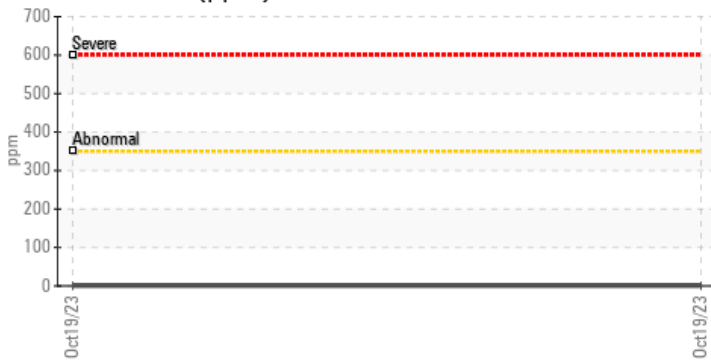
Iron (ppm)



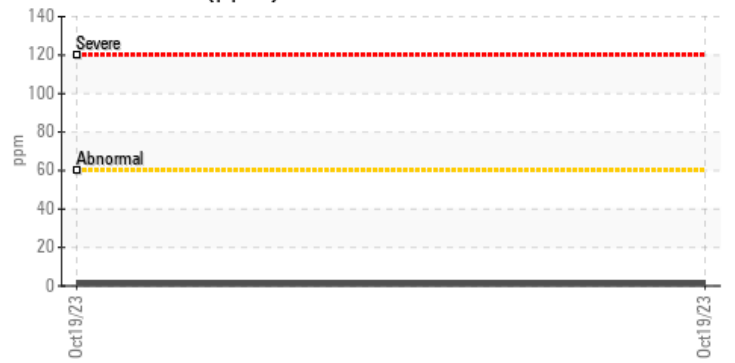
Lead (ppm)



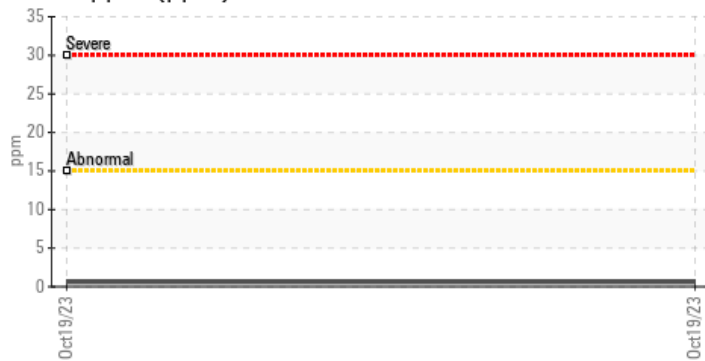
Aluminum (ppm)



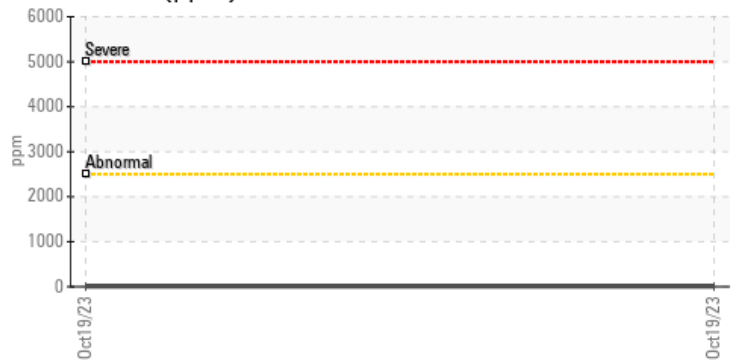
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

