



CONSTRUCTION EQUIPMENT

1032454 SUNGROW VOLVO L90H 625075 - FRONT AXLE



Sample No: VCP358176
Oil Type: {unknown}
Job No: 1032454 SUNGROW



SAMPLE INFORMATION

Sample Number	VCP358176	VCP248237	---	---
Sample Date	02 Apr 2024	11 Dec 2019	---	---
Machine Hours	10045	1040	---	---
Oil Hours	0	1040	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	51.2	39.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	12	---	---
Sodium	ppm	0	8	---	---
Potassium	ppm	0	<1	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	30	61	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	0	---	---
Chromium	ppm	<1	4	---	---
Molybdenum	ppm	<1	9	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	10	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	3778	3905	---	---
Magnesium	ppm	17	12	---	---
Zinc	ppm	1602	1494	---	---
Phosphorus	ppm	1233	1300	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	114	119	---	---

Depot: VOLVO8770
Unique No: 10976299
Signed: Don Baldrige
Report Date: 15 Apr 2024

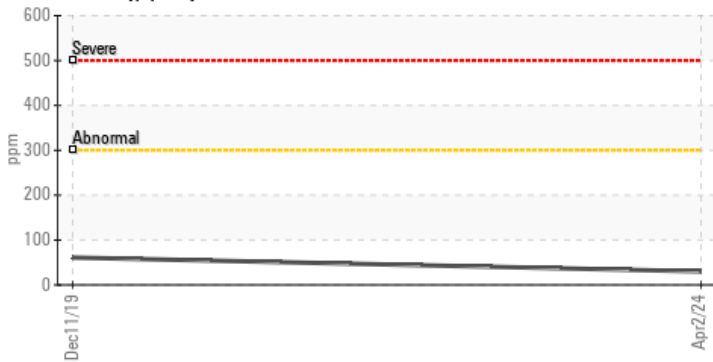


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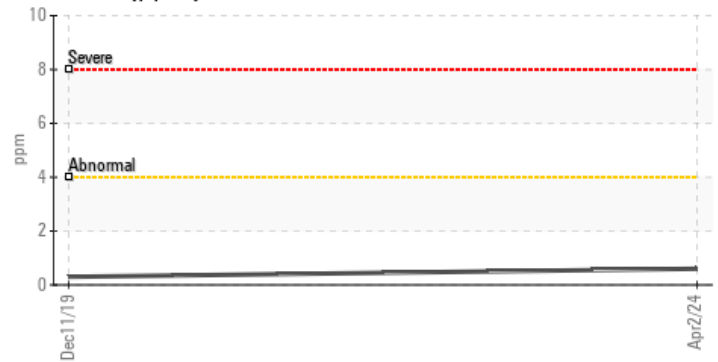


GRAPHS

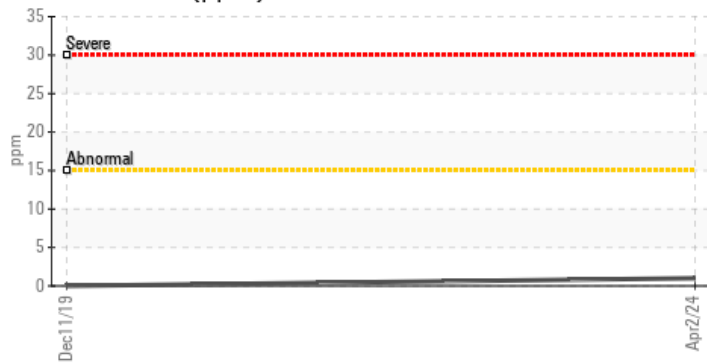
Iron (ppm)



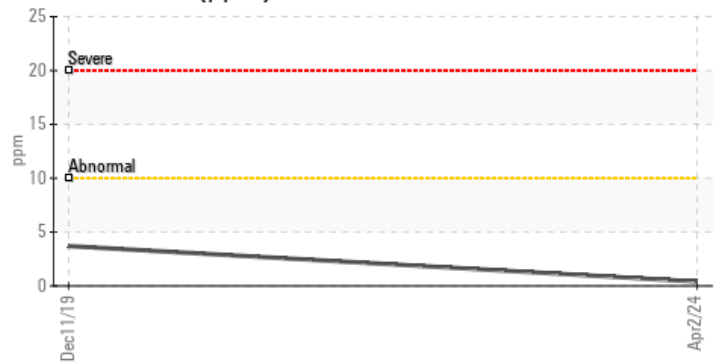
Lead (ppm)



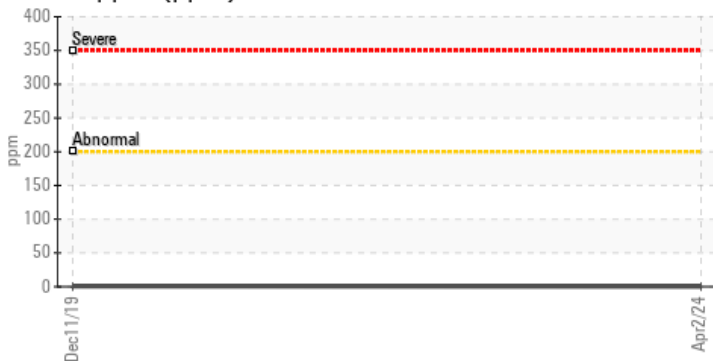
Aluminum (ppm)



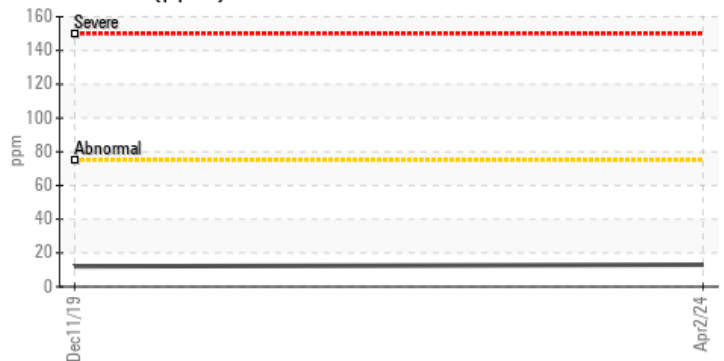
Chromium (ppm)



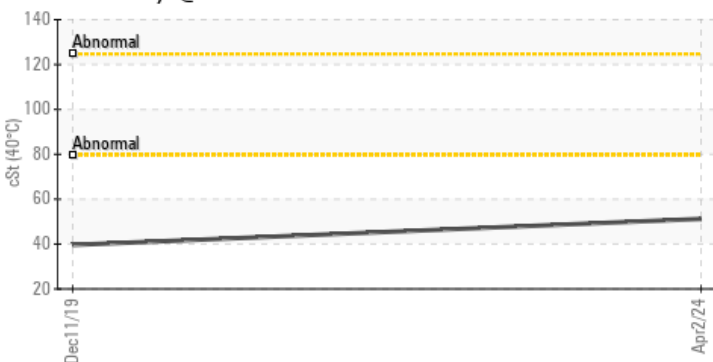
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

