



CONSTRUCTION EQUIPMENT

SW1033243 ARCHER VOLVO L90H 625885 - FRONT AXLE



Sample No: VCP412560
Oil Type: VOLVO WB 102
Job No: SW1033243 ARCHER



SAMPLE INFORMATION

Sample Number	VCP412560	---	---	---
Sample Date	16 Apr 2024	---	---	---
Machine Hours	4608	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 42.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

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	█ 21	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 4059	---	---	---
Magnesium	ppm	█ 30	---	---	---
Zinc	ppm	█ 1532	---	---	---
Phosphorus	ppm	█ 1312	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 107	---	---	---

Depot: VOLVO2990
Unique No: 10991790
Signed: Wes Davis
Report Date: 23 Apr 2024



CONSTRUCTION EQUIPMENT

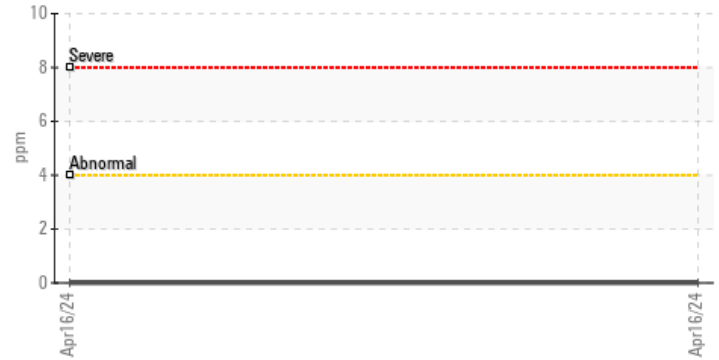


GRAPHS

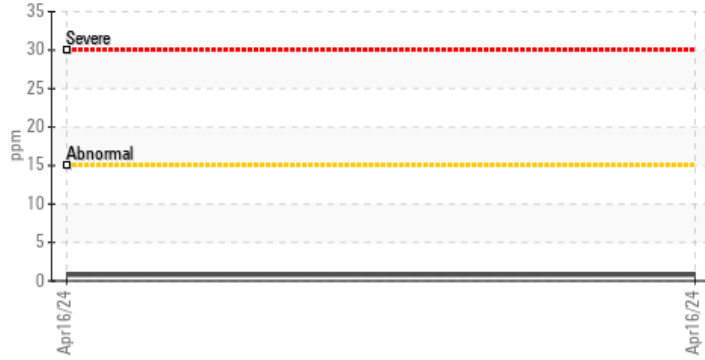
Iron (ppm)



Lead (ppm)



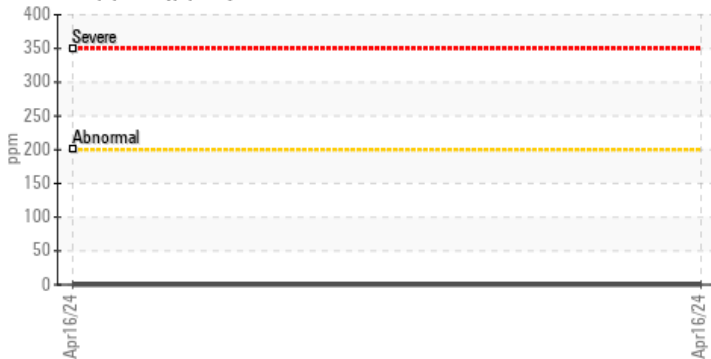
Aluminum (ppm)



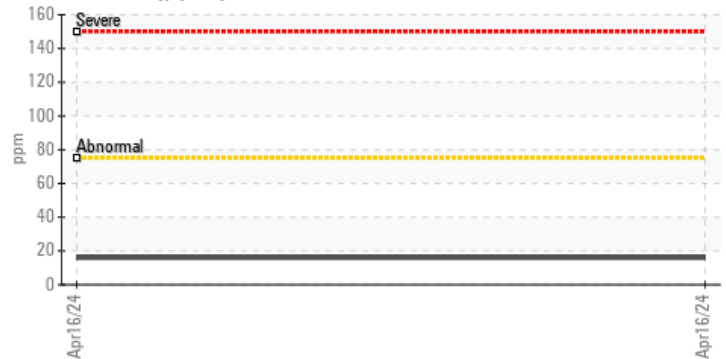
Chromium (ppm)



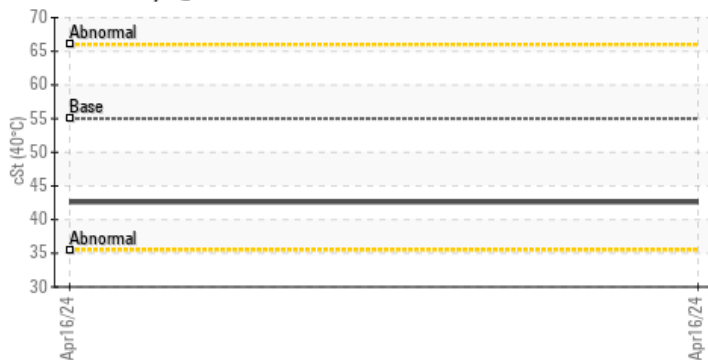
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

