



CONSTRUCTION EQUIPMENT

W02007814 VOLVO L90F 68750 - REAR AXLE



Sample No: VCP412079
Oil Type: MOBIL WB 102
Job No: W02007814



SAMPLE INFORMATION

Sample Number	VCP412079	VCP419404	---	---
Sample Date	30 Jan 2024	19 Jun 2023	---	---
Machine Hours	15017	14265	---	---
Oil Hours	800	2000	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	40.6	43.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	17	16	---	---
Sodium	ppm	1	0	---	---
Potassium	ppm	1	3	---	---

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	45	98	---	---
Copper	ppm	14	80	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	3	7	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	2	5	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	3353	4291	---	---
Magnesium	ppm	10	11	---	---
Zinc	ppm	1457	1694	---	---
Phosphorus	ppm	1251	1339	---	---
Barium	ppm	0	0	---	---
Boron	ppm	33	142	---	---

Depot: VOLVO0002
Unique No: 10861432
Signed: Wes Davis
Report Date: 05 Feb 2024

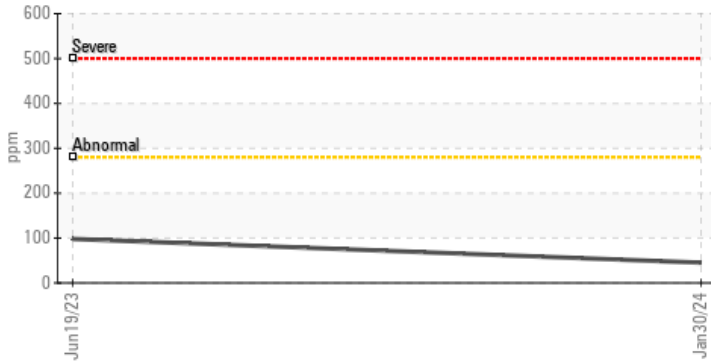


CONSTRUCTION EQUIPMENT

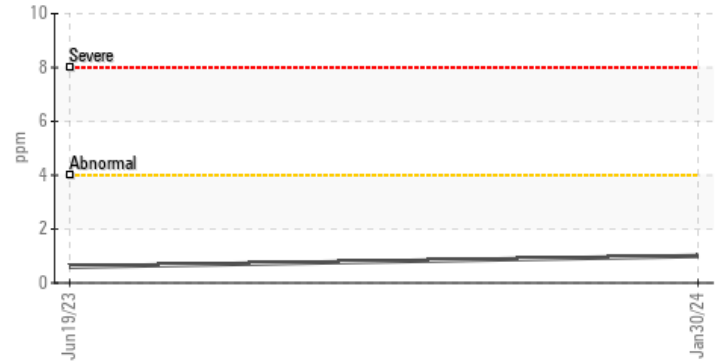


GRAPHS

Iron (ppm)



Lead (ppm)



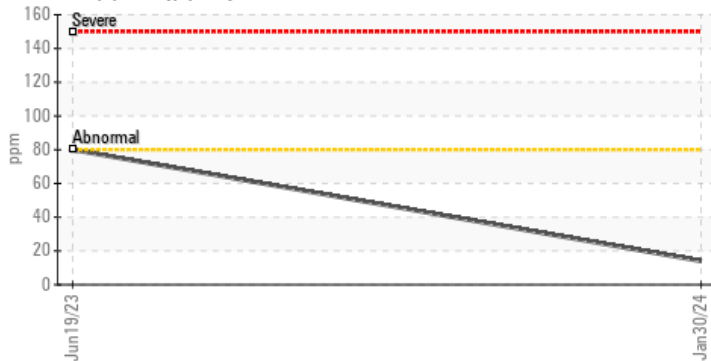
Aluminum (ppm)



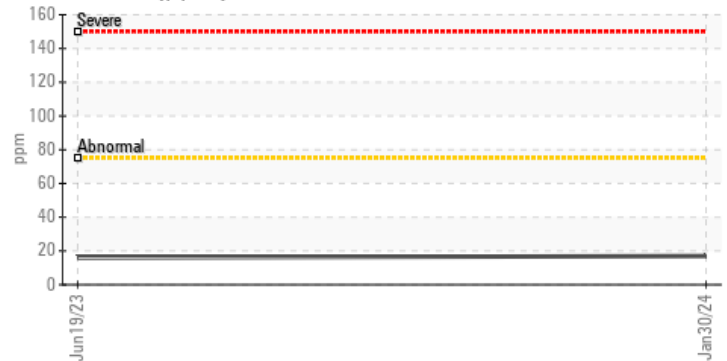
Chromium (ppm)



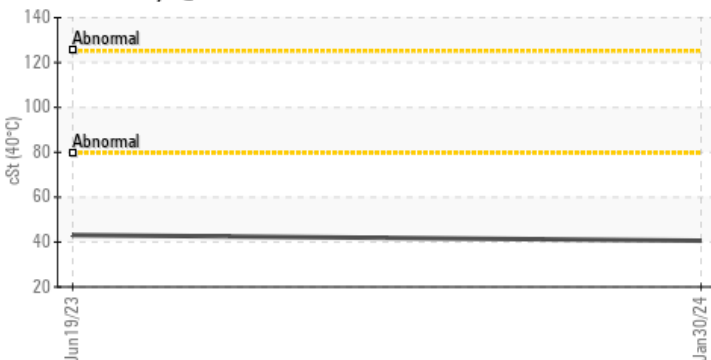
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

