



CONSTRUCTION EQUIPMENT

PRINCE VOLVO L90H 626620 - REAR AXLE



Sample No: VCP440335
Oil Type: VOLVO WB 102
Job No: PRINCE



SAMPLE INFORMATION

Sample Number	VCP440335	VCP407852	---	---
Sample Date	07 Jun 2024	30 Jun 2023	---	---
Machine Hours	3112	1057	---	---
Oil Hours	0	1057	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	42.7	43.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	24	---	---
Sodium	ppm	0	4	---	---
Potassium	ppm	3	<1	---	---

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	29	79	---	---
Copper	ppm	15	61	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	1	7	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	4	---	---
Molybdenum	ppm	<1	4	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	8	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3712	4261	---	---
Magnesium	ppm	16	17	---	---
Zinc	ppm	1551	1740	---	---
Phosphorus	ppm	1203	1383	---	---
Barium	ppm	0	0	---	---
Boron	ppm	151	152	---	---

Depot: VOLVO0093
Unique No: 11075555
Signed: Wes Davis
Report Date: 14 Jun 2024

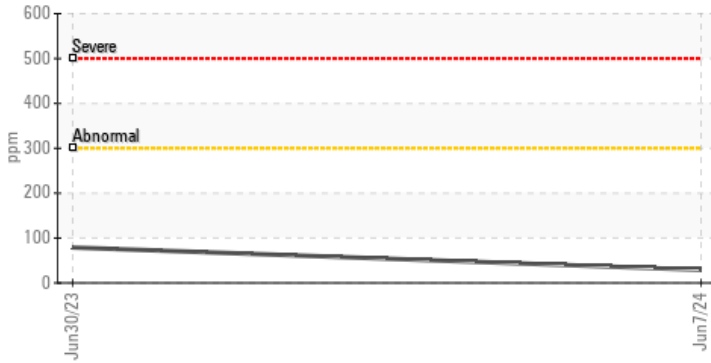


CONSTRUCTION EQUIPMENT



GRAPHS

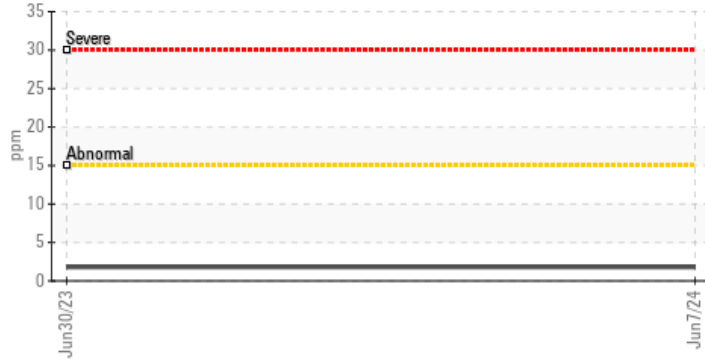
Iron (ppm)



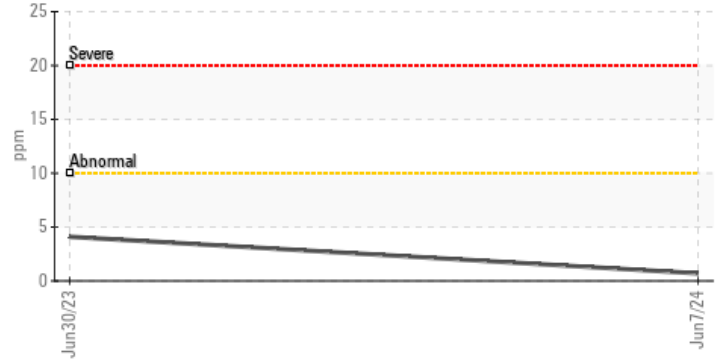
Lead (ppm)



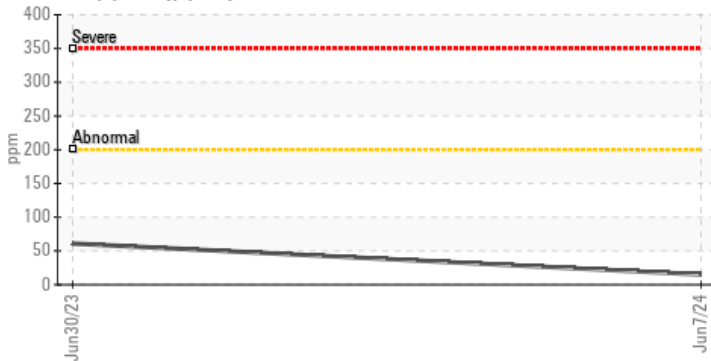
Aluminum (ppm)



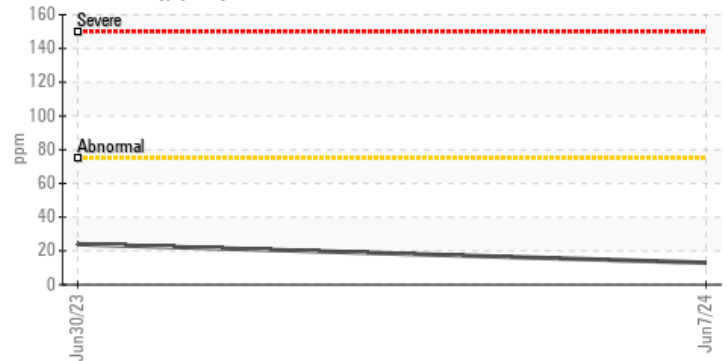
Chromium (ppm)



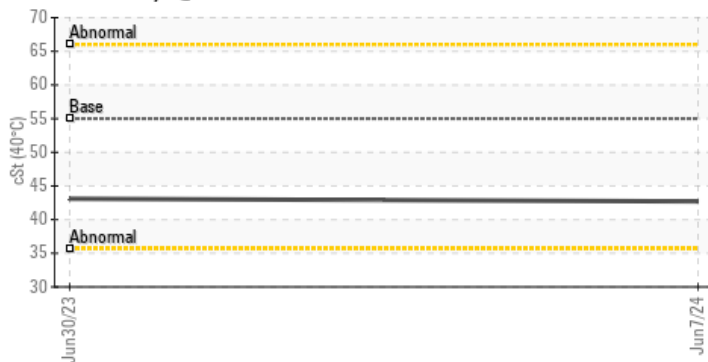
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

