



CONSTRUCTION EQUIPMENT

TUCKER PAVING VOLVO A25G 752438 - BRAKE COOLING SYSTEM



Sample No: VCP444704
Oil Type: VOLVO WB 102
Job No: TUCKER PAVING



SAMPLE INFORMATION

Sample Number	VCP444704	VCP382856	---	---
Sample Date	18 Jun 2024	22 Feb 2023	---	---
Machine Hours	3330	1047	---	---
Oil Hours	0	1047	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	44.9	42.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	11	15	---	---
Sodium	ppm	4	6	---	---
Potassium	ppm	1	7	---	---

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	8	11	---	---
Copper	ppm	138	141	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	2	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	2485	3469	---	---
Magnesium	ppm	7	6	---	---
Zinc	ppm	1106	1315	---	---
Phosphorus	ppm	930	1080	---	---
Barium	ppm	1	4	---	---
Boron	ppm	80	117	---	---

Depot: VOLVO0093
Unique No: 11099832
Signed: Don Baldrige
Report Date: 28 Jun 2024



CONSTRUCTION EQUIPMENT

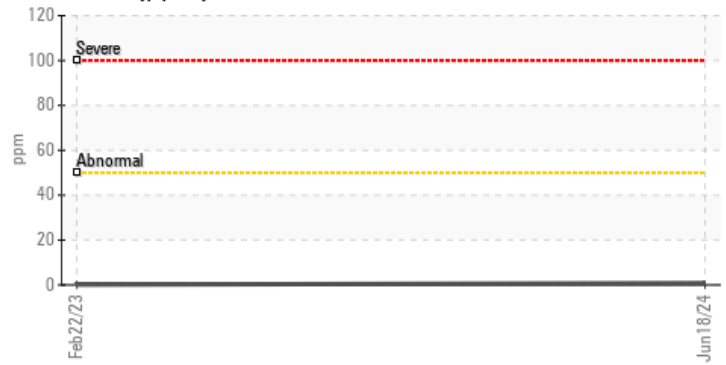


GRAPHS

Iron (ppm)



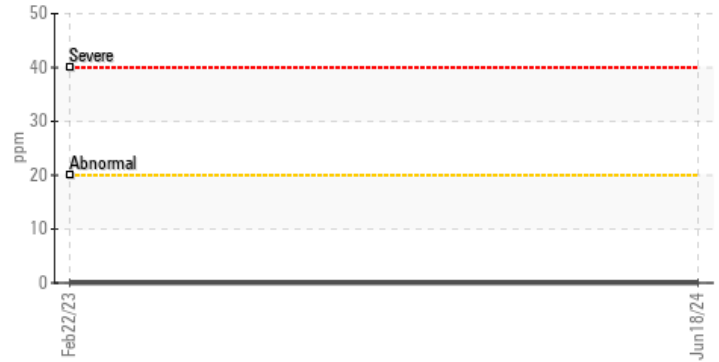
Lead (ppm)



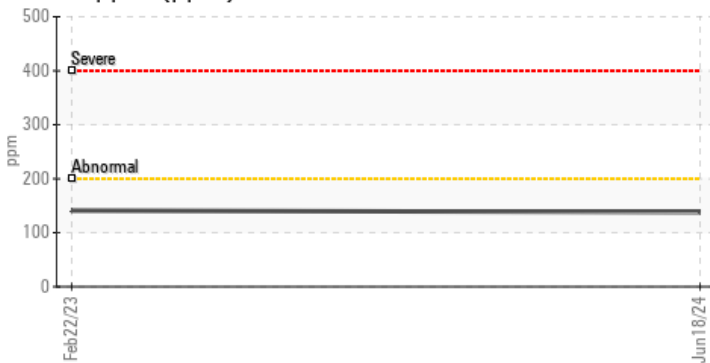
Aluminum (ppm)



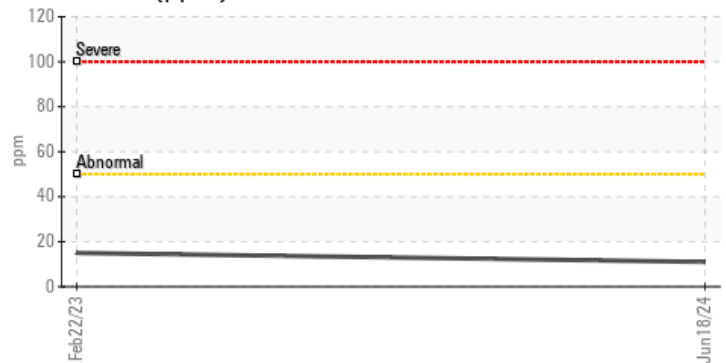
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

