



CONSTRUCTION EQUIPMENT

659047 TUCKER VOLVO A25G 740257 - BRAKE COOLING SYSTEM



Sample No: VCP432014
Oil Type: VOLVO WB 102
Job No: 659047 TUCKER



SAMPLE INFORMATION

Sample Number	VCP432014	VCP393541	---	---
Sample Date	08 Jan 2024	30 Nov 2022	---	---
Machine Hours	9175	8249	---	---
Oil Hours	1000	4000	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	44.1	46.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	13	---	---
Sodium	ppm	0	6	---	---
Potassium	ppm	1	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	6	22	---	---
Copper	ppm	62	137	---	---
Lead	ppm	0	4	---	---
Tin	ppm	0	2	---	---
Aluminum	ppm	2	3	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	2	---	---
Nickel	ppm	<1	1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3359	3223	---	---
Magnesium	ppm	11	20	---	---
Zinc	ppm	1495	1326	---	---
Phosphorus	ppm	1199	1087	---	---
Barium	ppm	10	0	---	---
Boron	ppm	96	82	---	---

Depot: VOLVO0093
Unique No: 1088631
Signed: Sean Felton
Report Date: 21 Feb 2024

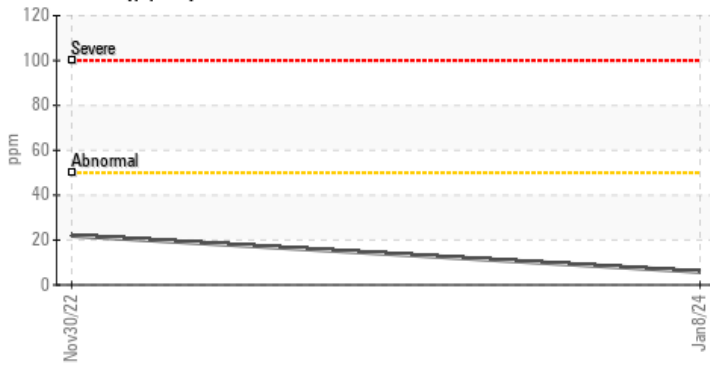


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GRAPHS

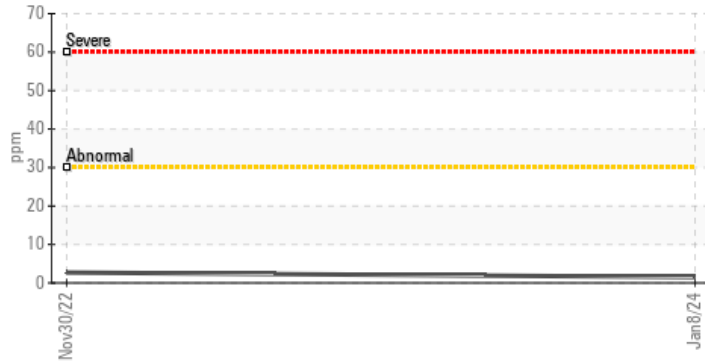
Iron (ppm)



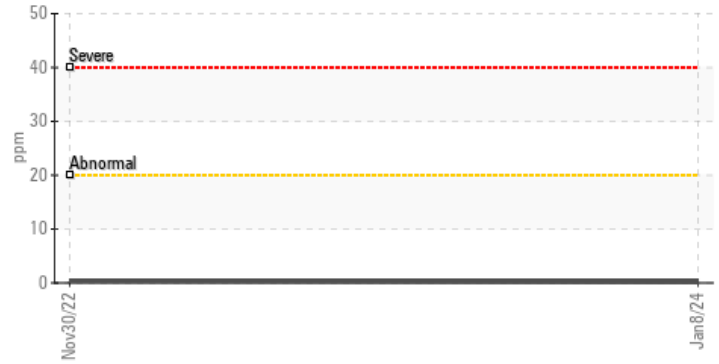
Lead (ppm)



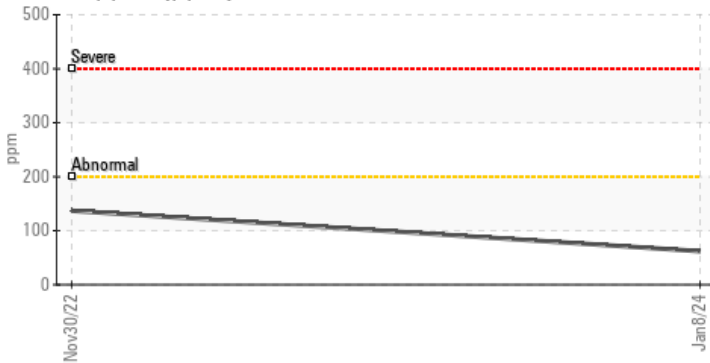
Aluminum (ppm)



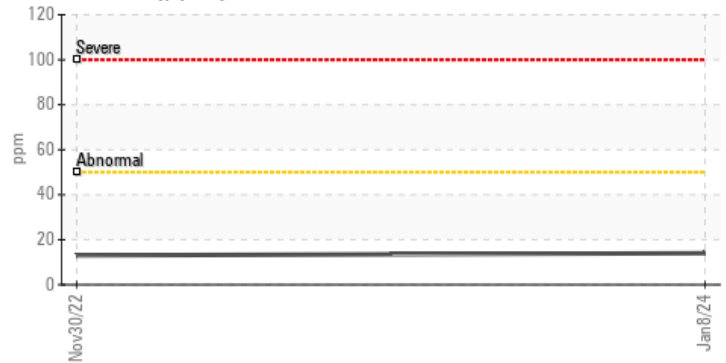
Chromium (ppm)



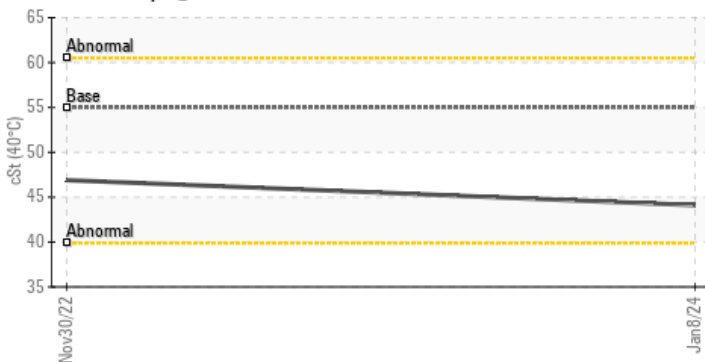
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

