



CONSTRUCTION EQUIPMENT

SWA53217 - BRAKE COOLING SYSTEM



Sample No: VCP398162
Oil Type: TRANSAXLE OIL SAE 75W80
Job No: SWA532217



ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
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SAMPLE INFORMATION

Sample Number	VCP398162	VCP0007642	---	---
Sample Date	26 Apr 2024	23 May 2023	---	---
Machine Hours	6400	6193	---	---
Oil Hours	0	6193	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	40.4	40.5	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	16	16	---	---
Sodium	ppm	8	8	---	---
Potassium	ppm	0	0	---	---



WEAR METALS

Iron	ppm	20	18	---	---
Copper	ppm	282	251	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	0	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	4	6	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3506	3564	---	---
Magnesium	ppm	9	9	---	---
Zinc	ppm	1490	1528	---	---
Phosphorus	ppm	1331	1272	---	---
Barium	ppm	0	0	---	---
Boron	ppm	116	107	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO2990
Unique No: 11004065
Signed: Jonathan Hester
Report Date: 01 May 2024

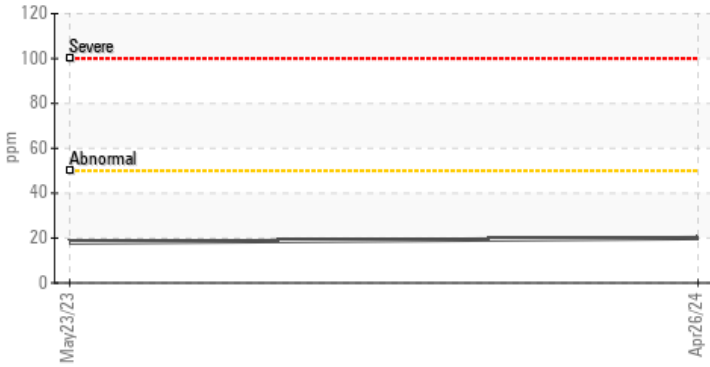


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GRAPHS

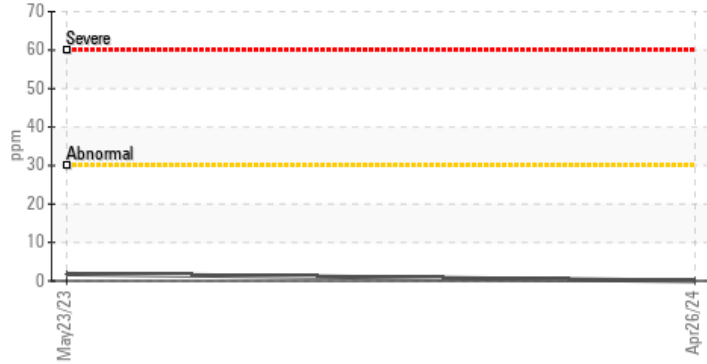
Iron (ppm)



Lead (ppm)



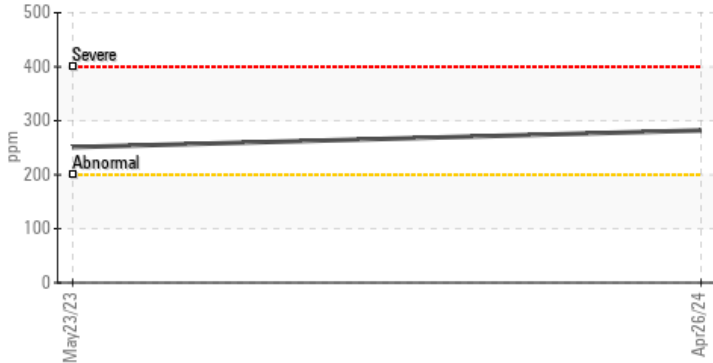
Aluminum (ppm)



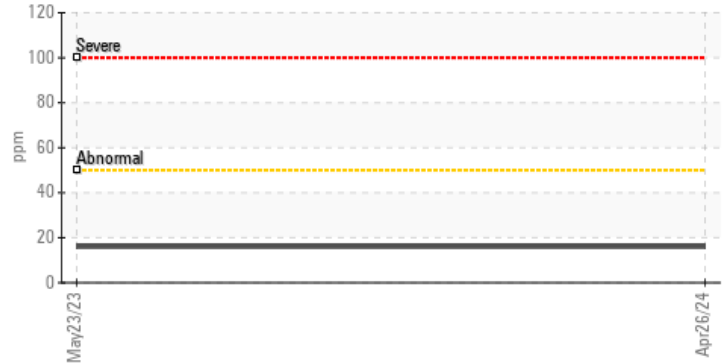
Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

