



CONSTRUCTION EQUIPMENT

VOLVO A45G 353 131 - WET DISC BRAKE



Sample No: VCP437310
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP437310	VCP317726	---	---
Sample Date	16 Apr 2024	28 Sep 2023	---	---
Machine Hours	3526	2371	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	42.1	41.8	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	19	16	---	---
Sodium	ppm	7	7	---	---
Potassium	ppm	0	1	---	---



WEAR METALS

Iron	ppm	53	32	---	---
Copper	ppm	158	112	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	5	4	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3601	3332	---	---
Magnesium	ppm	0	8	---	---
Zinc	ppm	1489	1433	---	---
Phosphorus	ppm	1295	1169	---	---
Barium	ppm	0	0	---	---
Boron	ppm	104	99	---	---

Diagnosis

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. The iron level is abnormal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0090
Unique No: 10990330
Signed: Sean Felton
Report Date: 24 Apr 2024

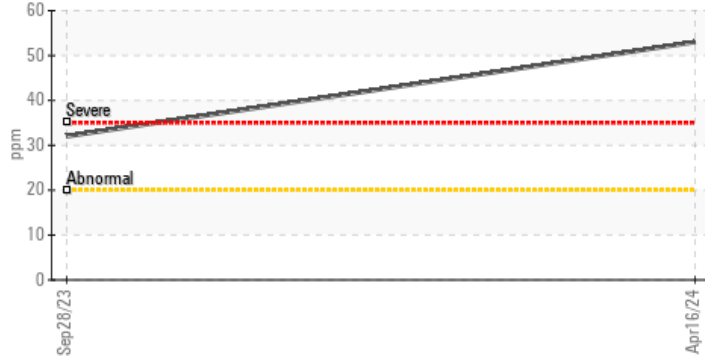


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GRAPHS

▲ Iron (ppm)



Lead (ppm)



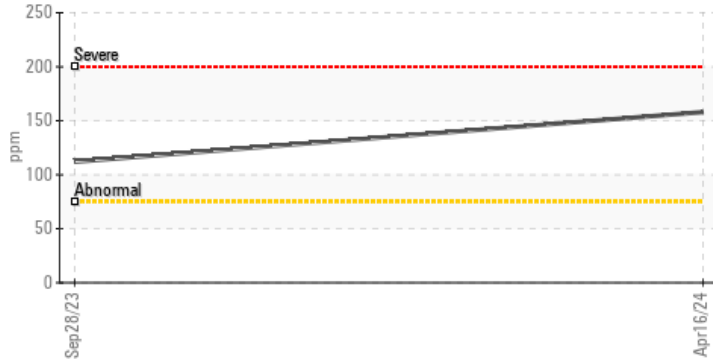
Aluminum (ppm)



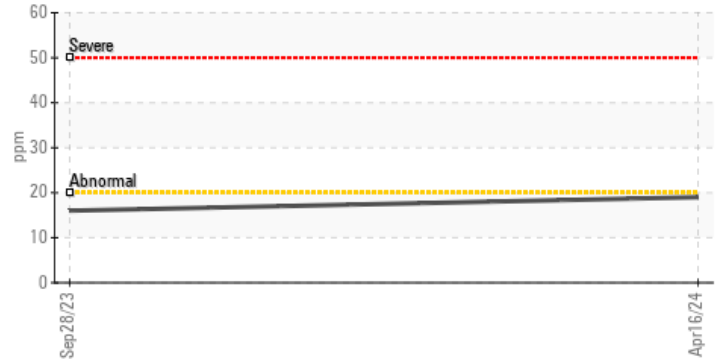
Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

