



CONSTRUCTION EQUIPMENT

VOLVO A45G 353591 - WET DISC BRAKE



Sample No: VCP454816
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP454816	VCP438934	---	---
Sample Date	02 May 2024	27 Dec 2023	---	---
Machine Hours	2216	1377	---	---
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	41.7	---	---
-------------	-----	-------------	------	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	18	18	---	---
Sodium	ppm	6	5	---	---
Potassium	ppm	2	0	---	---

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other 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	50	26	---	---
Copper	ppm	80	72	---	---
Lead	ppm	3	1	---	---
Tin	ppm	2	<1	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	2	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	6	5	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	2	<1	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	3455	3556	---	---
Magnesium	ppm	7	0	---	---
Zinc	ppm	1453	1555	---	---
Phosphorus	ppm	1335	1295	---	---
Barium	ppm	0	0	---	---
Boron	ppm	108	114	---	---

Depot: VOLVO0090
Unique No: 11016374
Signed: Jonathan Hester
Report Date: 08 May 2024

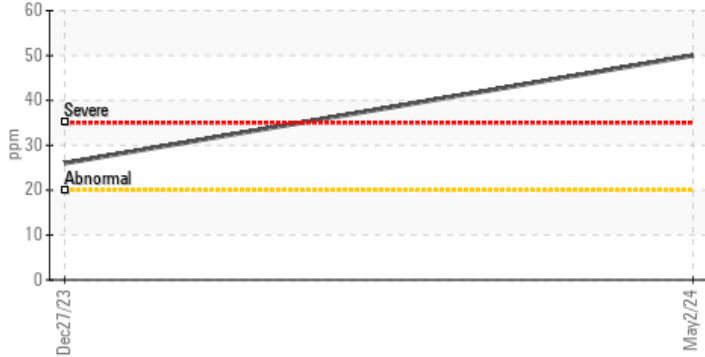


CONSTRUCTION EQUIPMENT

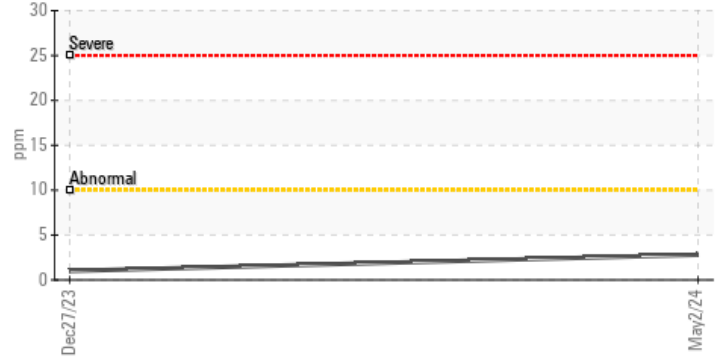


GRAPHS

▲ Iron (ppm)



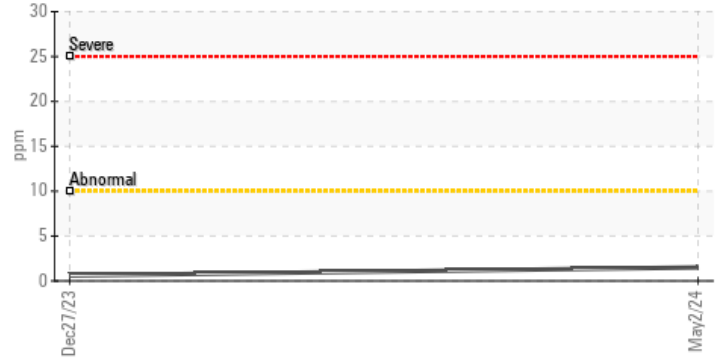
Lead (ppm)



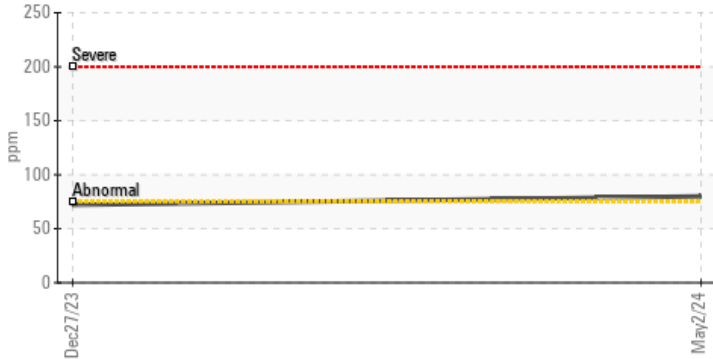
Aluminum (ppm)



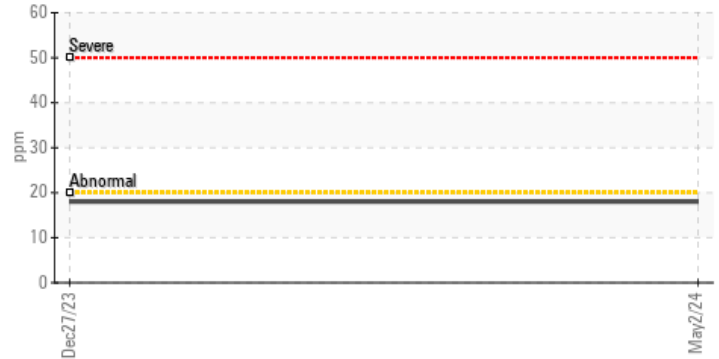
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

