



CONSTRUCTION EQUIPMENT

VOLVO A40G 342583 - WET DISC BRAKE



Sample No: VCP0007887
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP0007887	VCP311416	---	---
Sample Date	02 May 2024	19 May 2021	---	---
Machine Hours	6881	3820	---	---
Oil Hours	6881	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
 Contact: TECHNICIAN ACCOUNT
 catherine.anastasio@wearcheck.com
 T:
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OIL CONDITION

Visc @ 40°C	cSt	46.5	40.3	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	20	---	---
Sodium	ppm	1	7	---	---
Potassium	ppm	<1	<1	---	---



WEAR METALS

Iron	ppm	2	51	---	---
Copper	ppm	<1	278	---	---
Lead	ppm	2	<1	---	---
Tin	ppm	2	<1	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	12	<1	---	---
Nickel	ppm	<1	6	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	3540	3477	---	---
Magnesium	ppm	60	11	---	---
Zinc	ppm	1539	1478	---	---
Phosphorus	ppm	1256	1225	---	---
Barium	ppm	0	0	---	---
Boron	ppm	113	124	---	---

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.

Depot: VOLVO0092
Unique No: 11016414
Signed: Jonathan Hester
Report Date: 08 May 2024

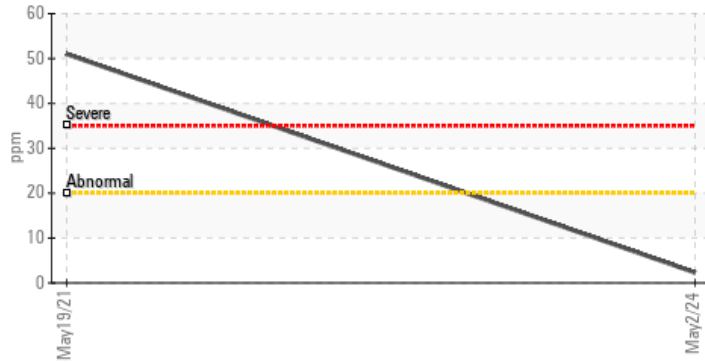


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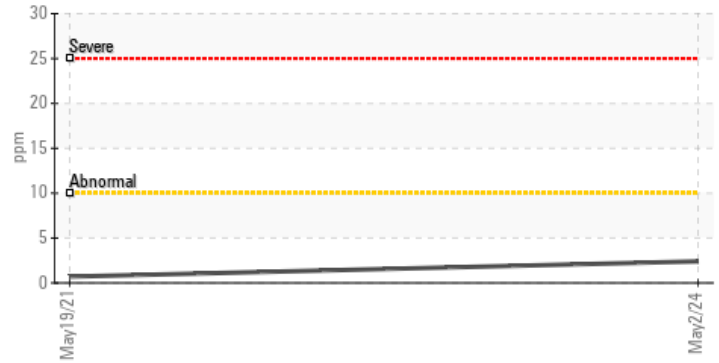


GRAPHS

Iron (ppm)



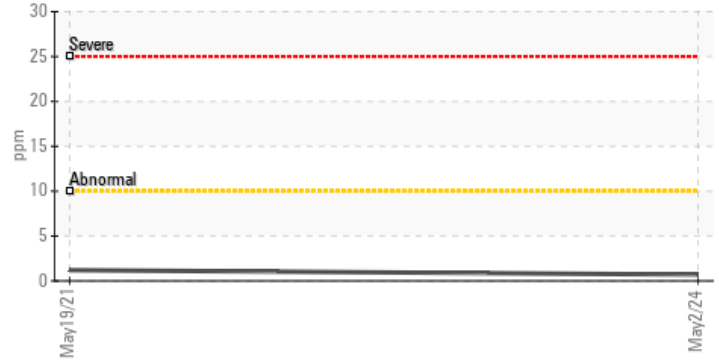
Lead (ppm)



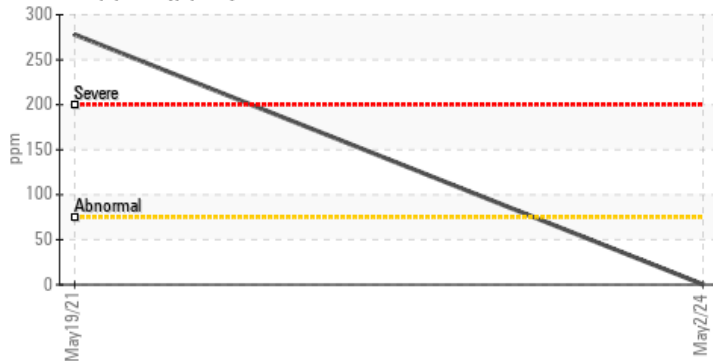
Aluminum (ppm)



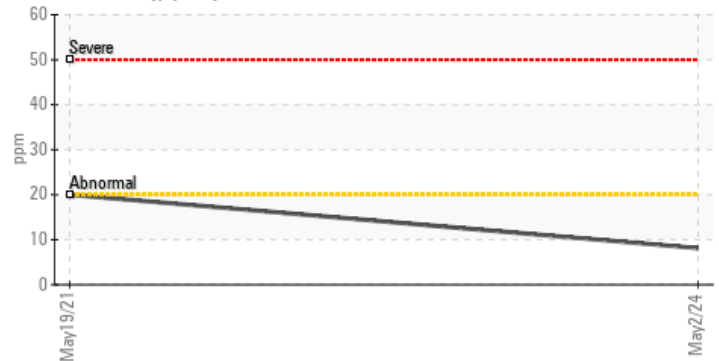
Chromium (ppm)



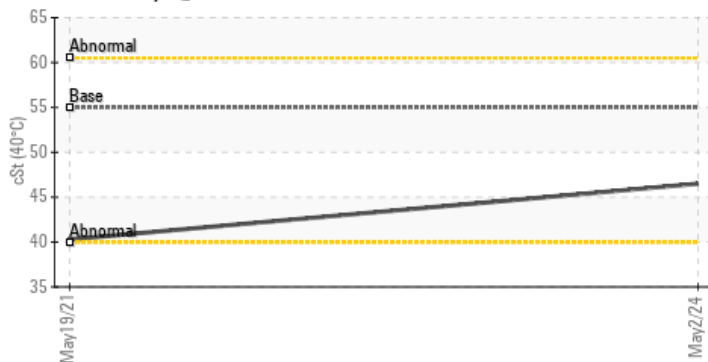
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

