



CONSTRUCTION EQUIPMENT

301666 VOLVO A35G 340108 - WET DISC BRAKE



Sample No: VCP445531
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 301666



SAMPLE INFORMATION

Sample Number	VCP445531	VCP410682	VCP373322	---
Sample Date	23 Apr 2024	19 Apr 2023	06 Jul 2022	---
Machine Hours	9761	8835	7952	---
Oil Hours	2000	0	0	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	ABNORMAL	NORMAL	ABNORMAL	---

BLAZE CONSTRUCTION

5640 ST JEAN ST
 DETROIT, MI
 US 48213
 Contact: DAVE WARD
 dward@blazecontracting.net
 T: (248)632-2317
 F:



OIL CONDITION

Visc @ 40°C	cSt	40.9	41.4	43.6	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	15	2	36	---
Sodium	ppm	3	<1	0	---
Potassium	ppm	0	2	3	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. The copper 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.



WEAR METALS

Iron	ppm	32	5	16	---
Copper	ppm	230	0	0	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	<1	2	4	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3418	2850	3640	---
Magnesium	ppm	21	19	37	---
Zinc	ppm	1420	1363	1469	---
Phosphorus	ppm	1201	1181	1199	---
Barium	ppm	0	0	0	---
Boron	ppm	116	0	141	---

Depot: BLADET
Unique No: 11008059
Signed: Don Baldrige
Report Date: 06 May 2024

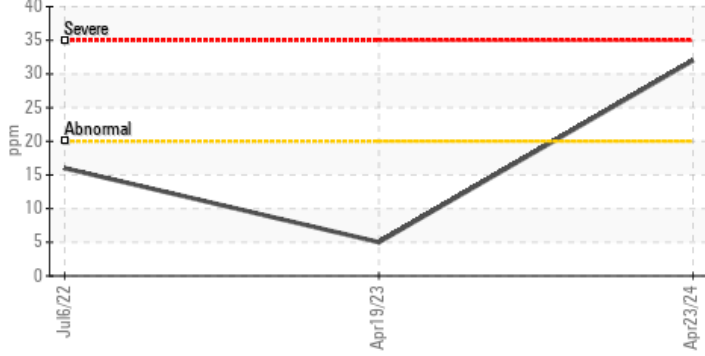


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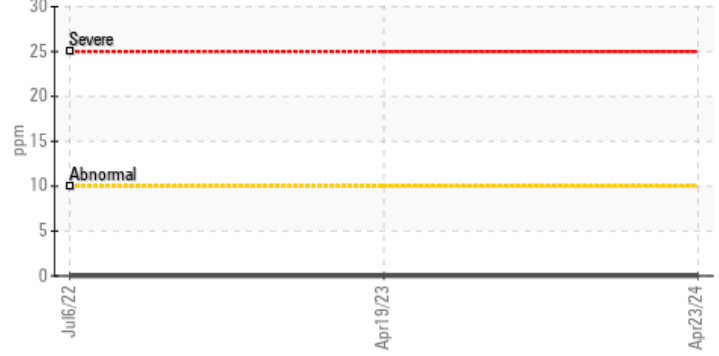


GRAPHS

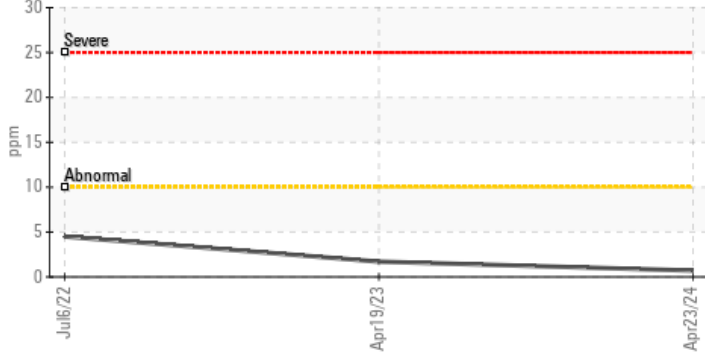
▲ Iron (ppm)



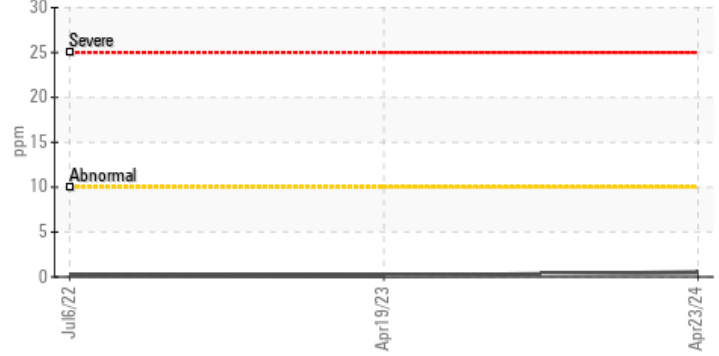
Lead (ppm)



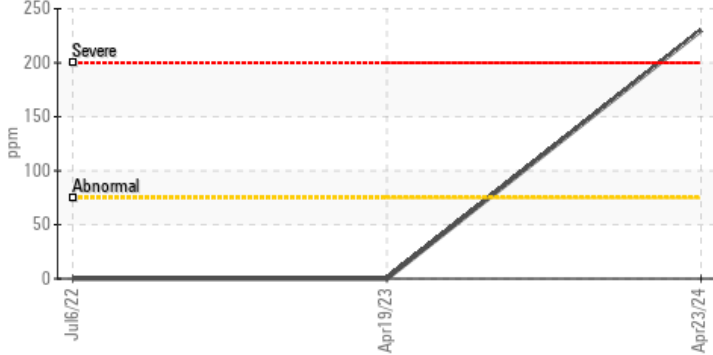
Aluminum (ppm)



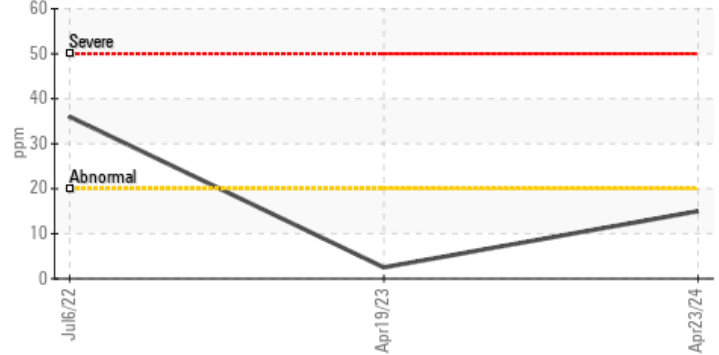
Chromium (ppm)



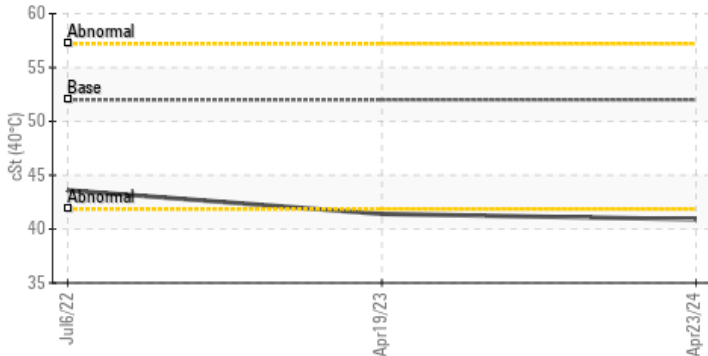
▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

