



CONSTRUCTION EQUIPMENT

X16401 SCHIDBERG VOLVO A40G 352199 - WET DISC BRAKE



Sample No: VCP372548
Oil Type: VOLVO WB 101
Job No: X16401 SCHIDBERG



SAMPLE INFORMATION

Sample Number	VCP372548	VCP342911	---	---
Sample Date	26 Oct 2023	24 Mar 2022	---	---
Machine Hours	0	2574	---	---
Oil Hours	0	662	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

WISE HEAVY EQUIPMENT

9229 S 97TH ST
LA VISTA, NE
US 68128
Contact: JASON HASSLER
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T:
F: (402)597-0865



OIL CONDITION

Visc @ 40°C	cSt	43.2	39.5	---	---
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CONTAMINATION

Silicon	ppm	18	17	---	---
Sodium	ppm	5	8	---	---
Potassium	ppm	0	0	---	---



WEAR METALS

Iron	ppm	43	32	---	---
Copper	ppm	220	280	---	---
Lead	ppm	2	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	5	6	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3194	3429	---	---
Magnesium	ppm	13	11	---	---
Zinc	ppm	1340	1408	---	---
Phosphorus	ppm	1073	1299	---	---
Barium	ppm	0	0	---	---
Boron	ppm	125	103	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. The iron level is abnormal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLV00182
Unique No: 10725308
Signed: Don Baldrige
Report Date: 04 Nov 2023

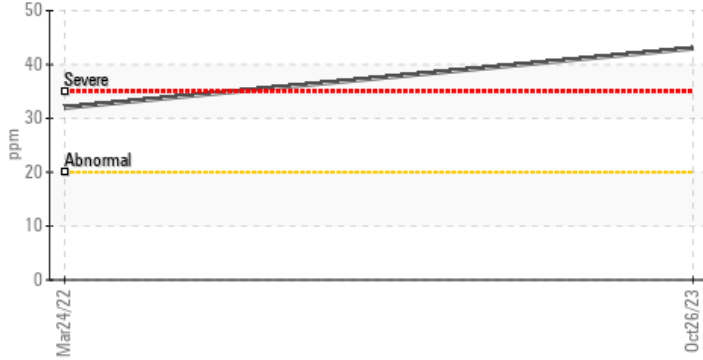


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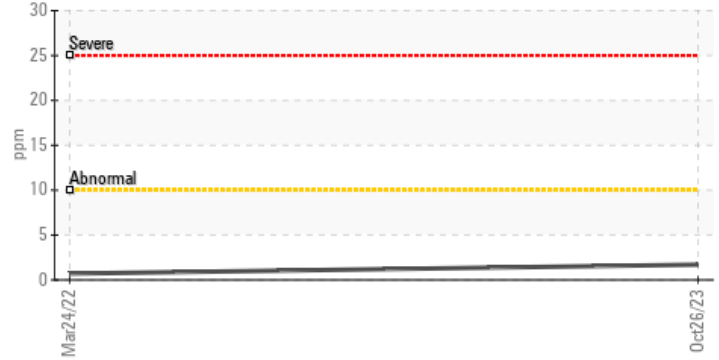


GRAPHS

▲ Iron (ppm)



Lead (ppm)



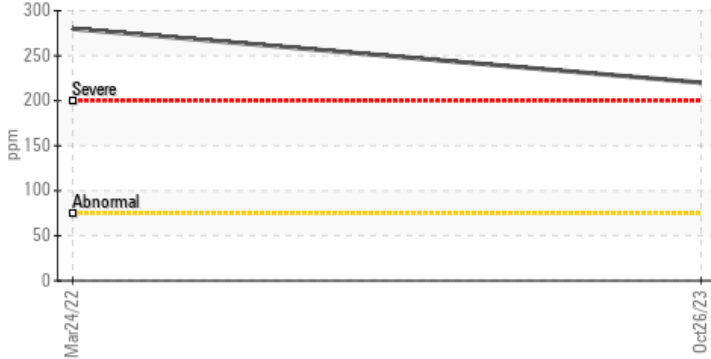
Aluminum (ppm)



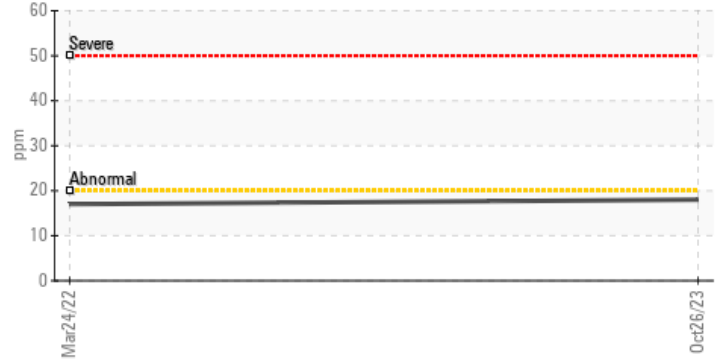
Chromium (ppm)



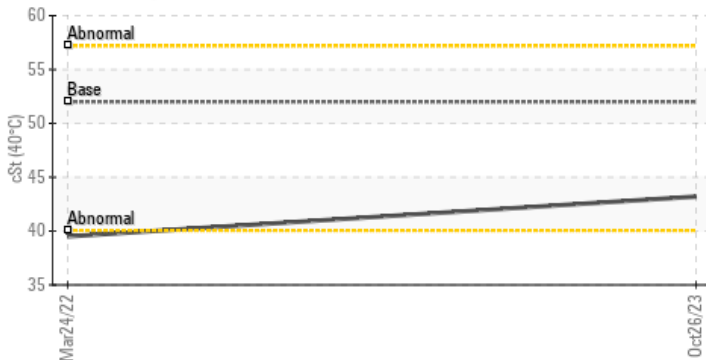
▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

