



CONSTRUCTION EQUIPMENT

HERC RENTAL VOLVO A30G 752902 - BRAKE COOLING SYSTEM



Sample No: VCP445549
Oil Type: VOLVO WB 101
Job No: HERC RENTAL



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SAMPLE INFORMATION

Sample Number	VCP445549	VCP436023	---	---
Sample Date	29 Apr 2024	11 Oct 2023	---	---
Machine Hours	2093	1074	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	46.3	44.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	15	14	---	---
Sodium	ppm	2	3	---	---
Potassium	ppm	5	3	---	---



WEAR METALS

Iron	ppm	11	5	---	---
Copper	ppm	242	202	---	---
Lead	ppm	<1	2	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3766	3624	---	---
Magnesium	ppm	8	8	---	---
Zinc	ppm	1517	1481	---	---
Phosphorus	ppm	1243	1268	---	---
Barium	ppm	2	1	---	---
Boron	ppm	123	127	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 11083360
Signed: Sean Felton
Report Date: 18 Jun 2024

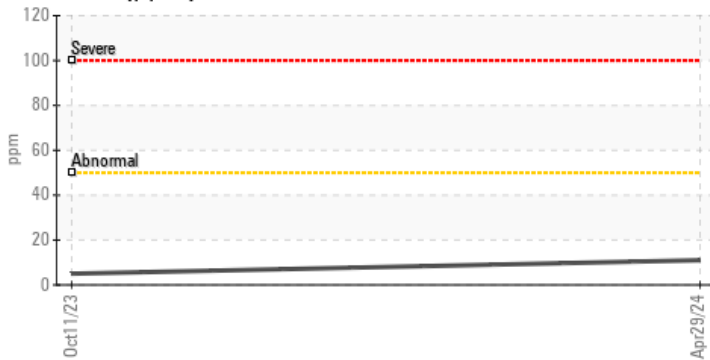


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GRAPHS

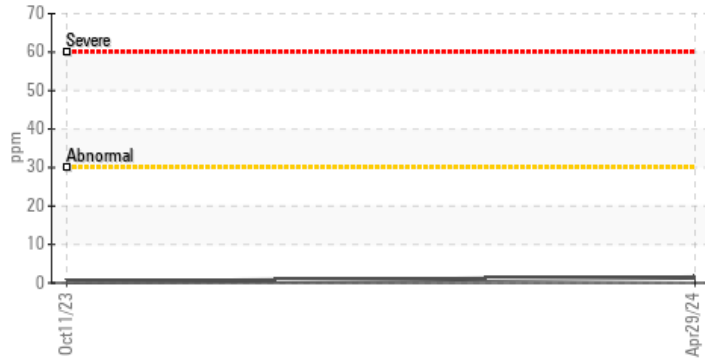
Iron (ppm)



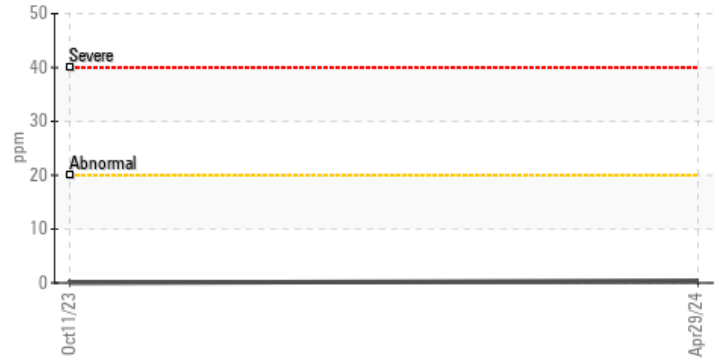
Lead (ppm)



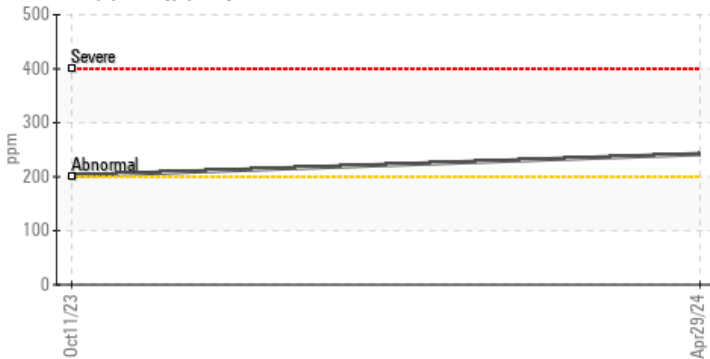
Aluminum (ppm)



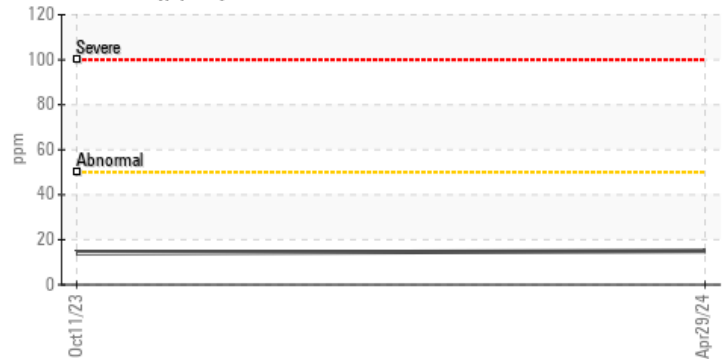
Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

