



CONSTRUCTION EQUIPMENT

VOLVO A30G 752673 - WET DISC BRAKE



Sample No: VCP435441
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP435441	VCP424257	VCP383833	---
Sample Date	27 Sep 2023	23 Jun 2023	02 Dec 2022	---
Machine Hours	1495	987	490	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

Contact: STEPHANI BRITTON
 sbritton@saiia.com;doug.bogart@wearcheck.com
 T: (205)943-2268
 F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	43.3	47.2	43.3	---
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CONTAMINATION

Water	%	---	---	0.428	---
Silicon	ppm	15	13	13	---
Sodium	ppm	4	3	2	---
Potassium	ppm	6	5	4	---

Diagnosis

Resample at the next service interval to monitor. All 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.



WEAR METALS

Iron	ppm	6	6	9	---
Copper	ppm	216	147	107	---
Lead	ppm	<1	0	2	---
Tin	ppm	<1	<1	<1	---
Aluminum	ppm	0	0	<1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3814	3588	3609	---
Magnesium	ppm	6	7	9	---
Zinc	ppm	1610	1455	1279	---
Phosphorus	ppm	1341	1195	1114	---
Barium	ppm	0	<1	0	---
Boron	ppm	120	112	120	---

Depot: SAIBIR
Unique No: 10673241
Signed: Don Baldrige
Report Date: 04 Oct 2023

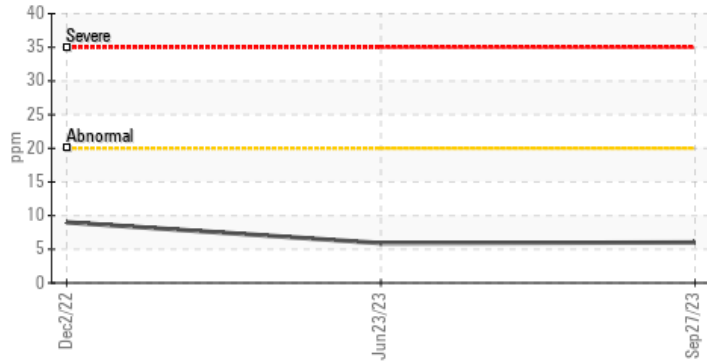


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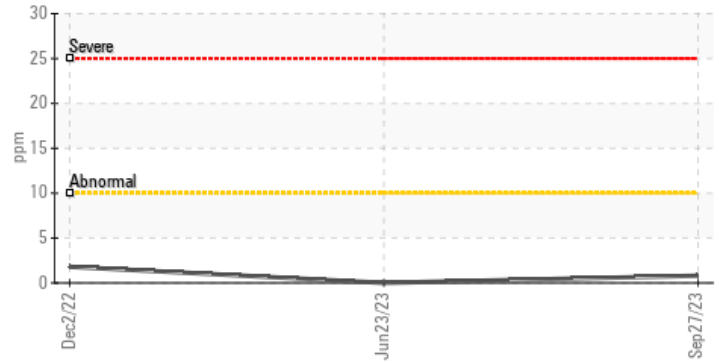


GRAPHS

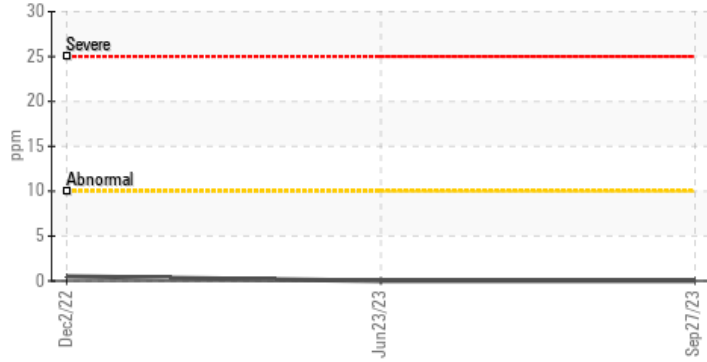
Iron (ppm)



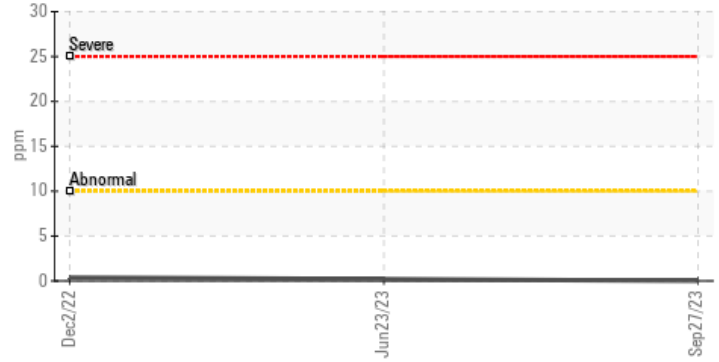
Lead (ppm)



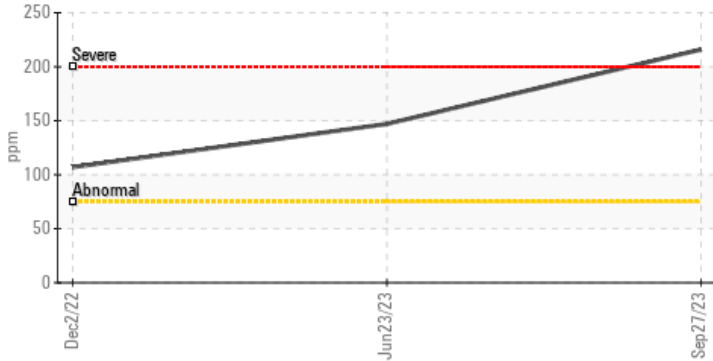
Aluminum (ppm)



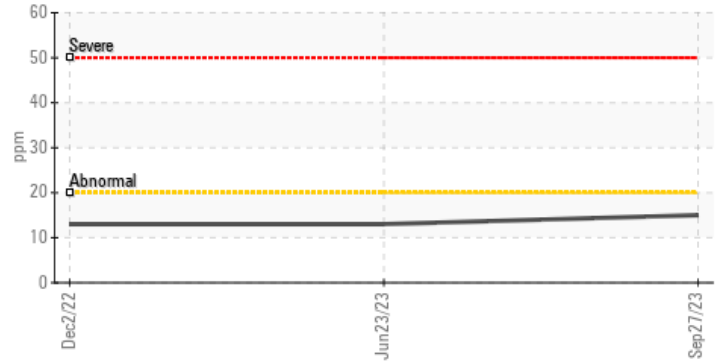
Chromium (ppm)



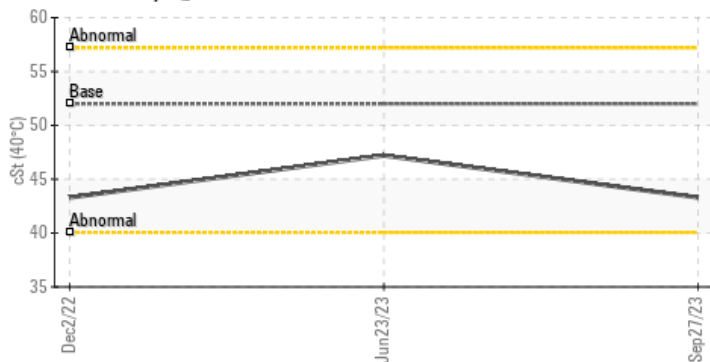
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

