



CONSTRUCTION EQUIPMENT

SWO-063332 VOLVO A30G 752677 - WET DISC BRAKE



Sample No: VCP424294
Oil Type: NOT GIVEN
Job No: SWO-063332



SAMPLE INFORMATION

Sample Number	VCP424294	VCP368396	VCP366673	---
Sample Date	23 Jun 2023	18 Nov 2022	11 Aug 2022	---
Machine Hours	2405	915	434	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	43.6	43.4	43.6	---
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CONTAMINATION

Silicon	ppm	16	14	14	---
Sodium	ppm	2	3	2	---
Potassium	ppm	7	2	8	---



WEAR METALS

Iron	ppm	10	14	6	---
Copper	ppm	28	16	9	---
Lead	ppm	<1	<1	0	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	0	<1	1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3663	3543	3574	---
Magnesium	ppm	6	8	5	---
Zinc	ppm	1530	1419	1484	---
Phosphorus	ppm	1280	1154	1224	---
Barium	ppm	0	0	3	---
Boron	ppm	132	114	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: SAIBIR
Unique No: 10536399
Signed: Don Baldrige
Report Date: 02 Jul 2023

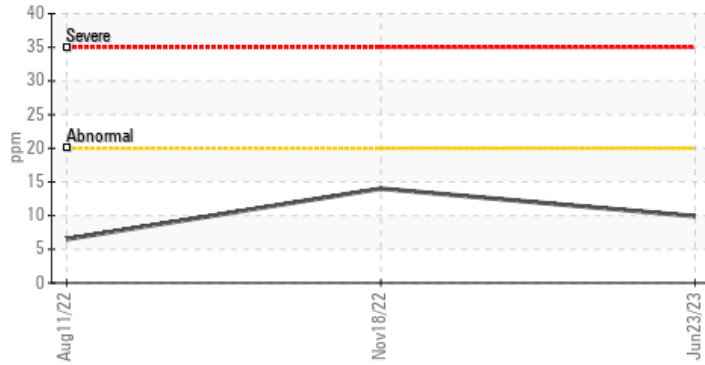


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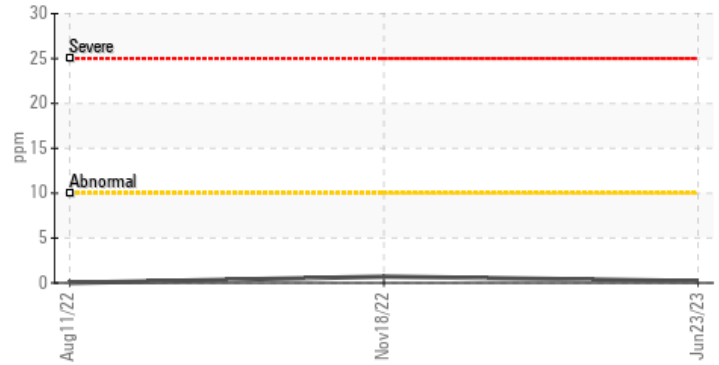


GRAPHS

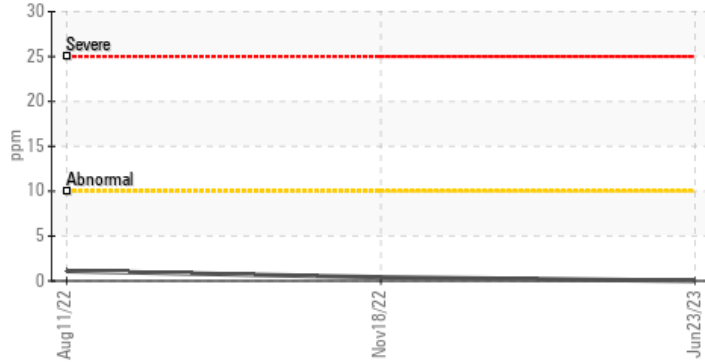
Iron (ppm)



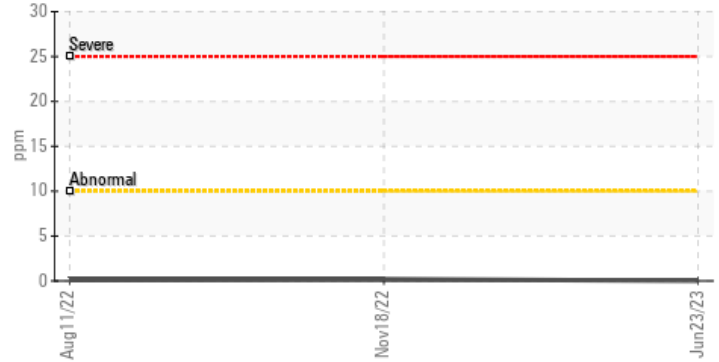
Lead (ppm)



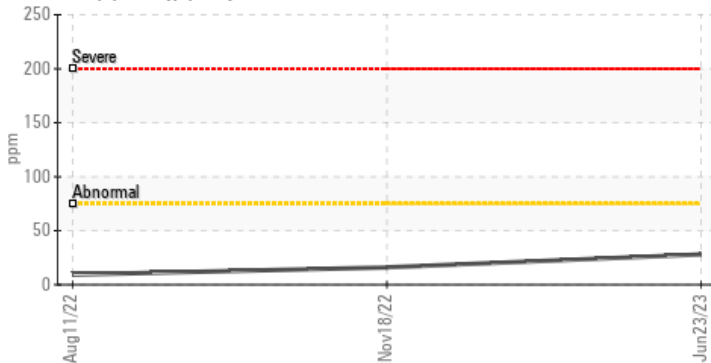
Aluminum (ppm)



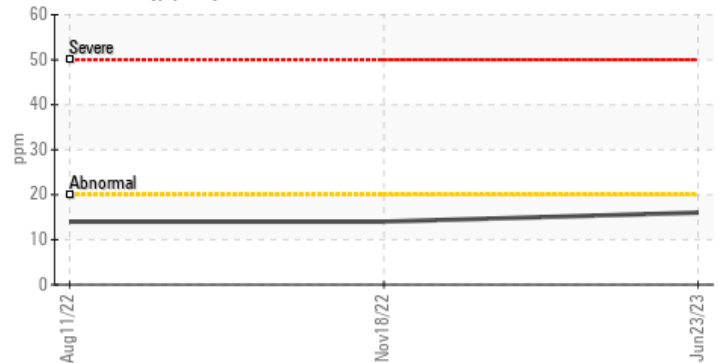
Chromium (ppm)



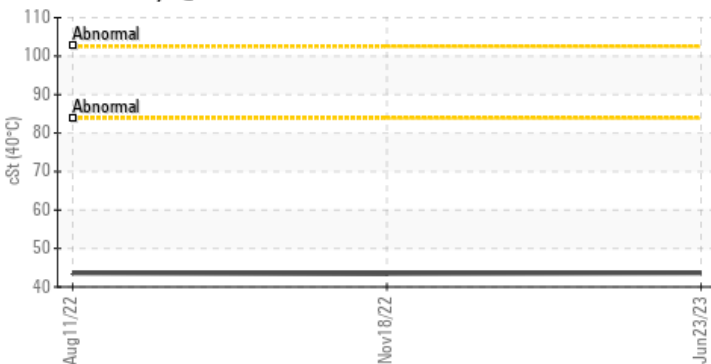
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

