



CONSTRUCTION EQUIPMENT

VOLVO A25G 752074 - BRAKE COOLING SYSTEM



Sample No: VCP443046
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP443046	VCP363293	---	---
Sample Date	28 Nov 2023	13 May 2022	---	---
Machine Hours	4301	2145	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

JR DAVIS CONSTRUCTION COMPANY INC
 210 S HOAGLAND BLVD
 KISSIMMEE, FL
 US 34741
 Contact: TOMMY MASTERS
 jrshop@jr-davis.com
 T: (321)219-0164
 F:



OIL CONDITION

Visc @ 40°C	cSt	44.5	44.2	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	14	---	---
Sodium	ppm	5	6	---	---
Potassium	ppm	2	2	---	---

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	36	22	---	---
Copper	ppm	149	223	---	---
Lead	ppm	3	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	2	3	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	1	1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	3364	3415	---	---
Magnesium	ppm	15	17	---	---
Zinc	ppm	1427	1359	---	---
Phosphorus	ppm	1176	1195	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	115	103	---	---

Depot: JRDKIS
Unique No: 10765290
Signed: Don Baldrige
Report Date: 03 Dec 2023

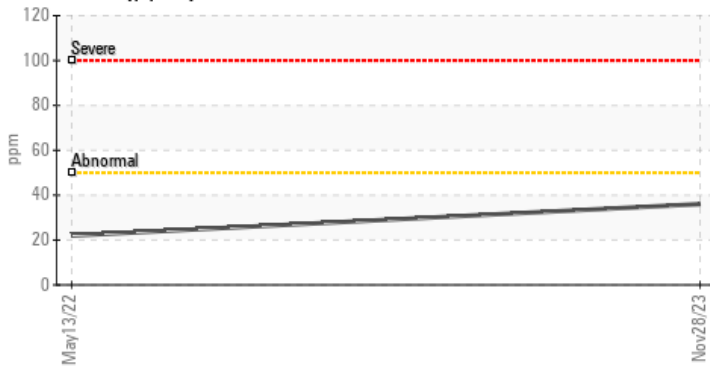


CONSTRUCTION EQUIPMENT

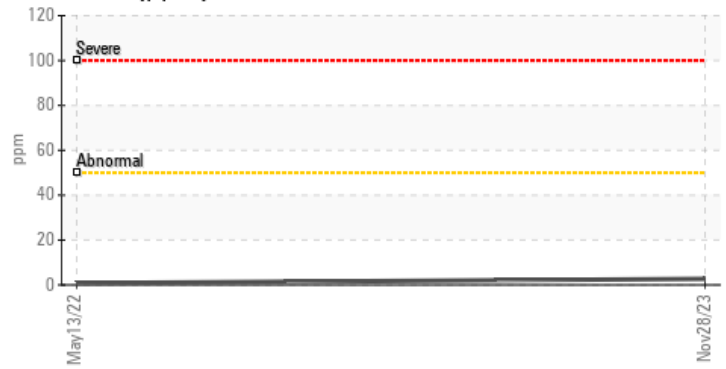


GRAPHS

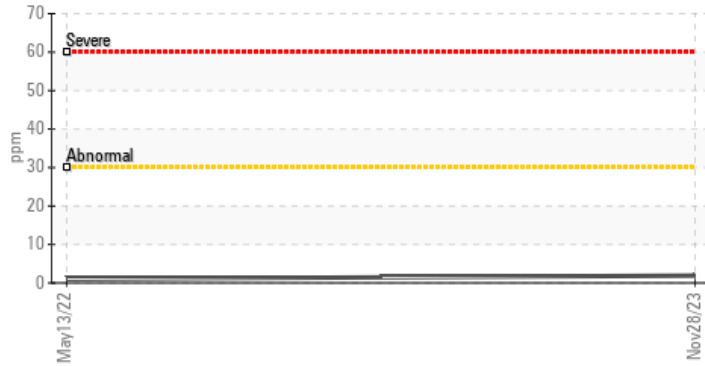
Iron (ppm)



Lead (ppm)



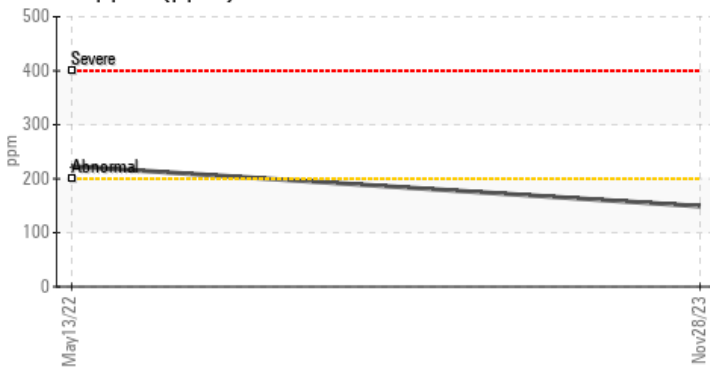
Aluminum (ppm)



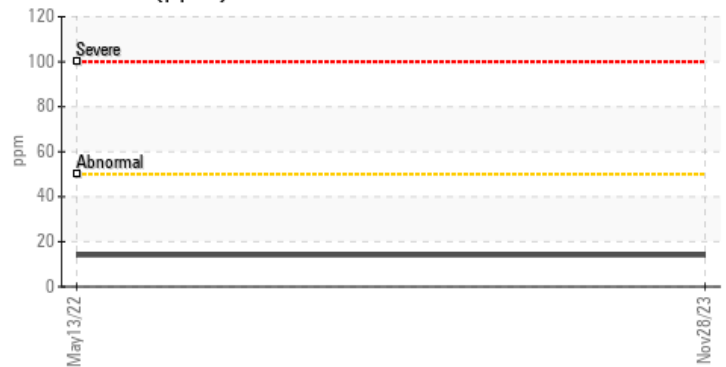
Chromium (ppm)



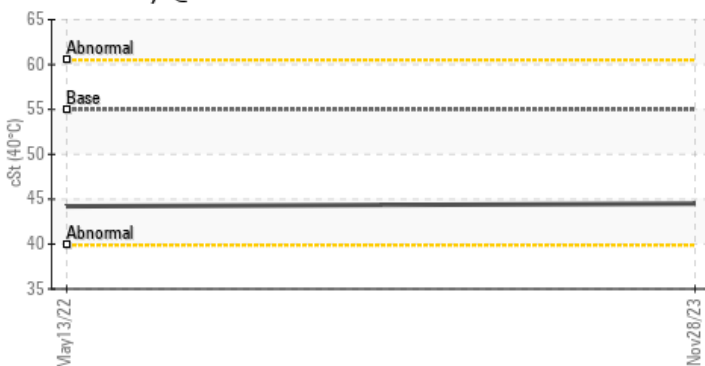
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

