



CONSTRUCTION EQUIPMENT

VOLVO A45G 352022 - WET DISC BRAKE



Sample No: VCP409178
Oil Type: NOT GIVEN
Job No:



SAMPLE INFORMATION

Sample Number	VCP409178	VCP396632	---	---
Sample Date	18 Sep 2023	22 Mar 2023	---	---
Machine Hours	5727	4482	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

DUNN CONSTRUCTION INC
 318 N 14TH ST
 BELLEVUE, IA
 US 52031
 Contact: STEVE DUNN
 DUNNCONSTRUCTINC@GMAIL.COM
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	44.0	43.5	---	---
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CONTAMINATION

Silicon	ppm	19	19	---	---
Sodium	ppm	4	8	---	---
Potassium	ppm	3	0	---	---



WEAR METALS

Iron	ppm	75	65	---	---
Copper	ppm	101	88	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	1	2	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	5	4	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	3676	3742	---	---
Magnesium	ppm	47	52	---	---
Zinc	ppm	1590	1554	---	---
Phosphorus	ppm	1281	1300	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	117	129	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: DUNBEL
Unique No: 10702397
Signed: Don Baldrige
Report Date: 23 Oct 2023

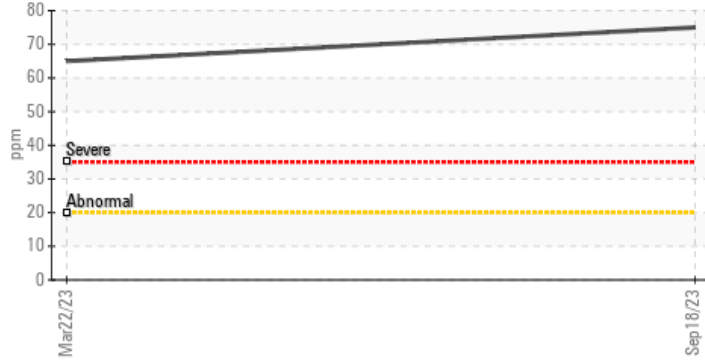


CONSTRUCTION EQUIPMENT



GRAPHS

▲ Iron (ppm)



Lead (ppm)



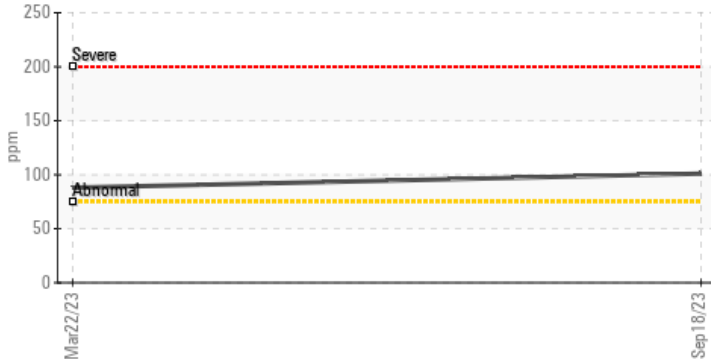
Aluminum (ppm)



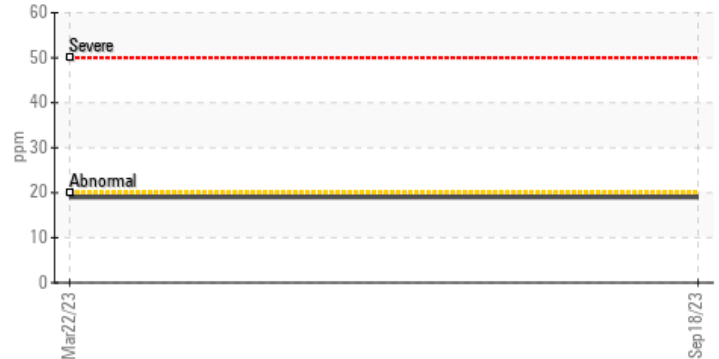
Chromium (ppm)



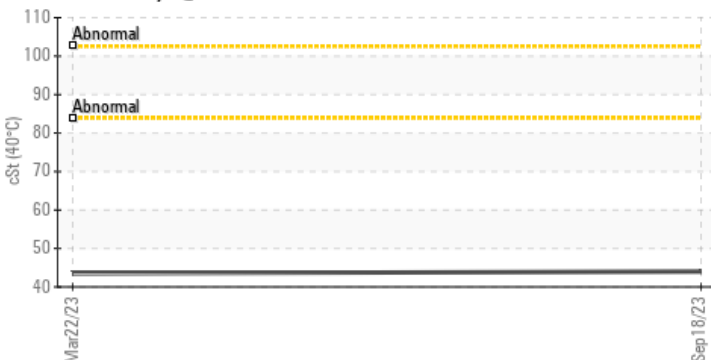
▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

