



CONSTRUCTION EQUIPMENT

VOLVO A45GFS 352524 - WET DISC BRAKE



Sample No: VCP423363

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP423363	VCP392585	---	---
Sample Date	18 Sep 2023	22 Mar 2023	---	---
Machine Hours	3723	2883	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	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	41.0	40.9	---	---
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CONTAMINATION

Silicon	ppm	21	21	---	---
Sodium	ppm	6	12	---	---
Potassium	ppm	3	0	---	---



WEAR METALS

Iron	ppm	54	47	---	---
Copper	ppm	118	117	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	1	2	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	6	6	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3518	3900	---	---
Magnesium	ppm	12	15	---	---
Zinc	ppm	1509	1567	---	---
Phosphorus	ppm	1267	1320	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	113	136	---	---

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: DUNBEL
Unique No: 10702414
Signed: Don Baldrige
Report Date: 23 Oct 2023

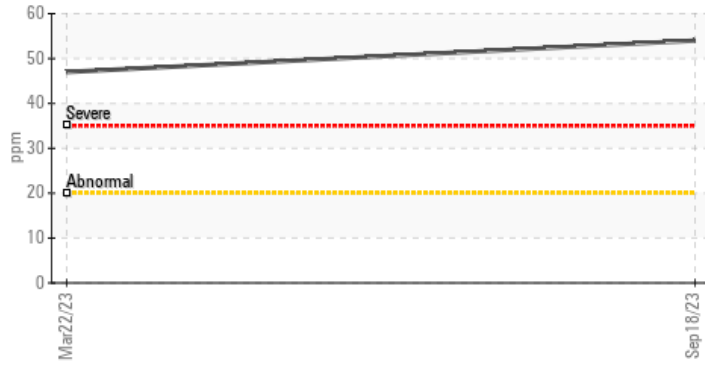


CONSTRUCTION EQUIPMENT

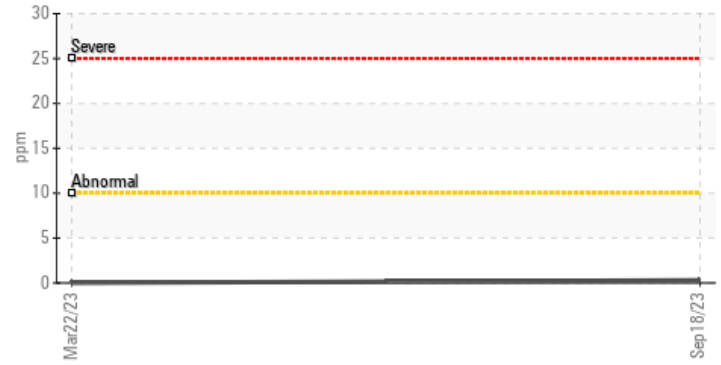


GRAPHS

Iron (ppm)



Lead (ppm)



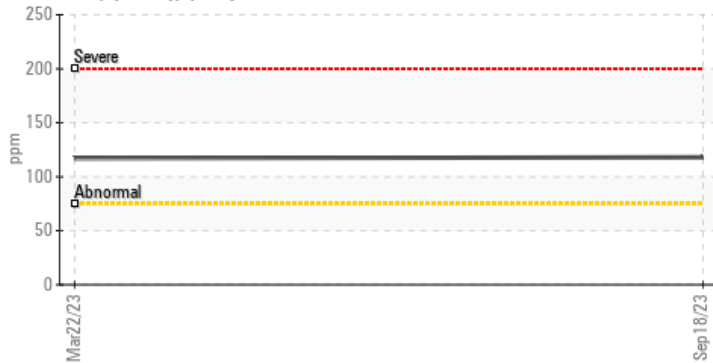
Aluminum (ppm)



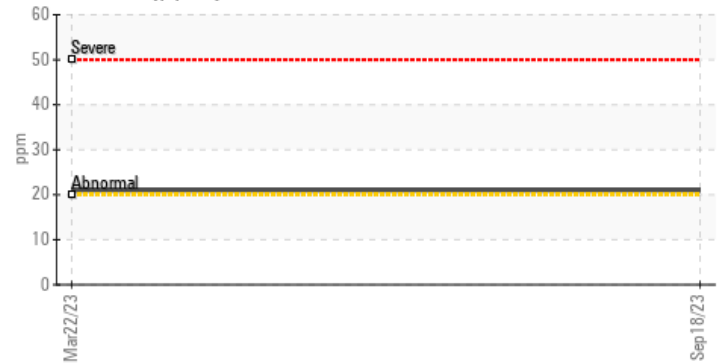
Chromium (ppm)



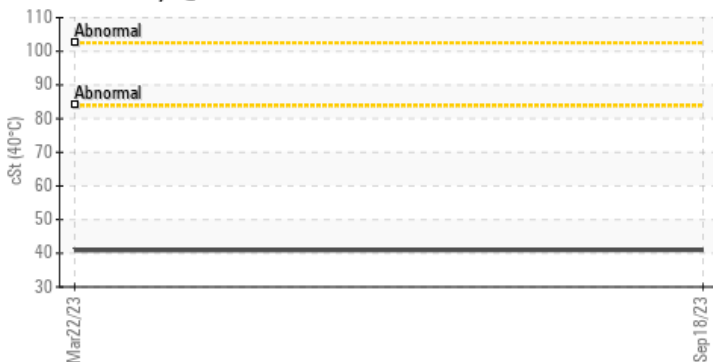
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

