



CONSTRUCTION EQUIPMENT

VOLVO A45G 353298 - WET DISC BRAKE



Sample No: VCP399630

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP399630	VCP398092	---	---
Sample Date	18 Sep 2023	22 Mar 2023	---	---
Machine Hours	1722	757	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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 318 N 14TH ST
 BELLEVUE, IA
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	40.6	40.7	---	---
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CONTAMINATION

Silicon	ppm	20	23	---	---
Sodium	ppm	8	13	---	---
Potassium	ppm	3	0	---	---

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other 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.



WEAR METALS

Iron	ppm	64	89	---	---
Copper	ppm	31	10	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	6	3	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3371	3934	---	---
Magnesium	ppm	9	12	---	---
Zinc	ppm	1541	1617	---	---
Phosphorus	ppm	1317	1362	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	105	140	---	---

Depot: DUNBEL
Unique No: 10702402
Signed: Don Baldrige
Report Date: 23 Oct 2023



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GRAPHS

