



CONSTRUCTION EQUIPMENT

VOLVO A40G 352489 - WET DISC BRAKE



Sample No: VCP436206
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP436206	VCP344047	---	---
Sample Date	13 Dec 2023	04 Nov 2021	---	---
Machine Hours	6270	2129	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	39.4	39.5	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	19	19	---	---
Sodium	ppm	8	12	---	---
Potassium	ppm	0	0	---	---

Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper 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	17	15	---	---
Copper	ppm	372	244	---	---
Lead	ppm	4	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	7	6	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	1	1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	3050	3970	---	---
Magnesium	ppm	0	10	---	---
Zinc	ppm	1296	1568	---	---
Phosphorus	ppm	1127	1388	---	---
Barium	ppm	0	0	---	---
Boron	ppm	106	141	---	---

Depot: VOLVO0090
Unique No: 10796042
Signed: Jonathan Hester
Report Date: 22 Dec 2023



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GRAPHS

