



CONSTRUCTION EQUIPMENT

717807 VOLVO A40G 341228 - WET DISC BRAKE



Sample No: VCP447780
Oil Type: VOLVO WB 102
Job No: 717807



SAMPLE INFORMATION

Sample Number	VCP447780	VCP402128	---	---
Sample Date	04 Jun 2024	29 Dec 2022	---	---
Machine Hours	11401	8993	---	---
Oil Hours	1000	1883	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	SEVERE	---	---

BLAZE CONSTRUCTION

5640 ST JEAN ST
 DETROIT, MI
 US 48213
 Contact: DAVE WARD
 dward@blazecontracting.net
 T: (248)632-2317
 F:



OIL CONDITION

Visc @ 40°C	cSt	43.2	40.4	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	14	---	---
Sodium	ppm	5	5	---	---
Potassium	ppm	0	0	---	---

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.



WEAR METALS

Iron	ppm	14	62	---	---
Copper	ppm	58	379	---	---
Lead	ppm	0	6	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	2	<1	---	---
Nickel	ppm	0	5	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	3543	3539	---	---
Magnesium	ppm	26	11	---	---
Zinc	ppm	1415	1422	---	---
Phosphorus	ppm	1170	1181	---	---
Barium	ppm	0	0	---	---
Boron	ppm	111	119	---	---

Depot: BLADET
Unique No: 11087917
Signed: Sean Felton
Report Date: 21 Jun 2024



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GRAPHS

