



CONSTRUCTION EQUIPMENT

VOLVO A40G 752009 - WET DISC BRAKE



Sample No: VCP402383
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP402383	VCP440656	VCP312955	---
Sample Date	12 Mar 2024	29 Nov 2023	12 Sep 2023	---
Machine Hours	1479	987	482	---
Oil Hours	1052	560	482	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

SCHILDBERG CONSTRUCTION COMPANY
 PO BOX 358
 GREENFIELD, IA
 US 50849
 Contact: SCOTT ARMSTRONG
 sarmstrong@schildberg.com
 T: (641)743-8237
 F: (641)743-2486



OIL CONDITION

Visc @ 40°C	cSt	44.0	44.1	43.6	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	15	13	13	---
Sodium	ppm	2	3	2	---
Potassium	ppm	4	8	4	---

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	27	19	15	---
Copper	ppm	121	64	65	---
Lead	ppm	<1	3	0	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	2	2	2	---
Chromium	ppm	1	1	<1	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	5	4	3	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	<1	<1	---
Vanadium	ppm	<1	<1	0	---



ADDITIVES

Calcium	ppm	4067	2806	3850	---
Magnesium	ppm	9	0	7	---
Zinc	ppm	1590	1273	1633	---
Phosphorus	ppm	1184	978	1278	---
Barium	ppm	0	0	0	---
Boron	ppm	128	113	161	---

Depot: SCHGRE
Unique No: 10938194
Signed: Don Baldrige
Report Date: 22 Mar 2024



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VOLVO GRAPHS

