



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352026 - WET DISC BRAKE



**Sample No:** VCP395132  
**Oil Type:** MOBIL MOBILFLUID 424  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP395132</b>	VCP402959	VCP404851	VCP385099
Sample Date	<b>30 Oct 2023</b>	29 Aug 2023	22 Mar 2023	06 Dec 2022
Machine Hours	<b>9458</b>	9029	7981	7465
Oil Hours	<b>1993</b>	1564	516	2002
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	ABNORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>49.4</b>	50.0	47.6	45.3
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### CONTAMINATION

Silicon	ppm	<b>17</b>	12	▲ 22	16
Sodium	ppm	<b>3</b>	2	4	3
Potassium	ppm	<b>0</b>	0	0	1

### 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	<b>26</b>	11	34	21
Copper	ppm	<b>18</b>	11	24	35
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>2</b>	<1	4	2
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	0	<1	<1
Nickel	ppm	<b>2</b>	1	3	3
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3133</b>	2767	3028	3053
Magnesium	ppm	<b>7</b>	12	14	8
Zinc	ppm	<b>1413</b>	1143	1303	1380
Phosphorus	ppm	<b>1153</b>	933	1148	1208
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>103</b>	97	104	88

**Depot:** SCHGRE  
**Unique No:** 10736964  
**Signed:** Sean Felton  
**Report Date:** 13 Nov 2023

**VOLVO** **GRAPHS**

