



# CONSTRUCTION EQUIPMENT

## 2826 VOLVO A40G 342608 - WET DISC BRAKE



**Sample No:** VCP331578  
**Oil Type:** MOBIL MOBILFLUID 424  
**Job No:** 2826



### SAMPLE INFORMATION

Sample Number	<b>VCP331578</b>	VCP339689	VCP405659	VCP400117
Sample Date	<b>11 Dec 2023</b>	03 Oct 2023	21 Aug 2023	30 May 2023
Machine Hours	<b>11060</b>	10659	10330	9778
Oil Hours	<b>401</b>	2155	1826	1274
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>52.5</b>	49.6	49.8	56.2
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>20</b>	15	14	16
Sodium	ppm	<b>1</b>	2	5	5
Potassium	ppm	<b>0</b>	2	<1	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	<b>13</b>	17	16	16
Copper	ppm	<b>27</b>	60	47	46
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>1</b>	1	<1	0
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>0</b>	<1	0	<1
Nickel	ppm	<b>1</b>	3	2	2
Titanium	ppm	<b>&lt;1</b>	<1	0	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	0	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3295</b>	3305	3213	3334
Magnesium	ppm	<b>17</b>	13	16	16
Zinc	ppm	<b>1393</b>	1400	1323	1450
Phosphorus	ppm	<b>1109</b>	1118	1086	1180
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>103</b>	113	124	123

**Depot:** SCHGRE  
**Unique No:** 10807029  
**Signed:** Don Baldrige  
**Report Date:** 28 Dec 2023



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## VOLVO GRAPHS

