



CONSTRUCTION EQUIPMENT

VOLVO A40G 342610 - WET DISC BRAKE



Sample No: VCP447196
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP447196	VCP339703	VCP362648	---
Sample Date	09 Jul 2024	04 Dec 2023	24 Oct 2023	---
Machine Hours	12155	10786	10504	---
Oil Hours	1369	2020	1738	---
Oil Changed	Not Chngd	Changed	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	59.0	54.8	51.8	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	10	13	12	---
Sodium	ppm	0	0	0	---
Potassium	ppm	2	2	2	---

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	15	23	19	---
Copper	ppm	44	78	69	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	4	1	<1	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	1	<1	<1	---
Nickel	ppm	2	3	3	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	0	0	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	3370	3315	3195	---
Magnesium	ppm	15	17	17	---
Zinc	ppm	1365	1383	1351	---
Phosphorus	ppm	1230	1234	1179	---
Barium	ppm	0	0	0	---
Boron	ppm	115	83	78	---

Depot: SCHGRE
Unique No: 11129481
Signed: Don Baldrige
Report Date: 20 Jul 2024

VOLVO **GRAPHS**

