



CONSTRUCTION EQUIPMENT

VOLVO A40G 353407 - WET DISC BRAKE



Sample No: VCP435156
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP435156	VCP341893	VCP312572	---
Sample Date	02 Apr 2024	14 Dec 2023	03 Oct 2023	---
Machine Hours	1644	997	504	---
Oil Hours	1247	600	504	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	41.6	41.4	41.3	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	19	16	18	---
Sodium	ppm	7	4	2	---
Potassium	ppm	<1	0	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	20	9	8	---
Copper	ppm	58	41	28	---
Lead	ppm	<1	0	<1	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	<1	<1	1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	3	3	3	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	<1	0	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3834	3725	3900	---
Magnesium	ppm	9	8	7	---
Zinc	ppm	1581	1558	1623	---
Phosphorus	ppm	1383	1277	1283	---
Barium	ppm	0	0	0	---
Boron	ppm	151	119	140	---

Depot: SCHGRE
Unique No: 10990237
Signed: Don Baldrige
Report Date: 23 Apr 2024



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VOLVO GRAPHS

