



CONSTRUCTION EQUIPMENT

VOLVO A40G 342610 - WET DISC BRAKE



Sample No: VCP339703
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP339703	VCP362648	VCP406472	VCP385143
Sample Date	04 Dec 2023	24 Oct 2023	13 Jul 2023	27 Apr 2023
Machine Hours	10786	10504	9910	9441
Oil Hours	2020	1738	1144	675
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	54.8	51.8	49.8	49.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	12	13	15
Sodium	ppm	0	0	7	8
Potassium	ppm	2	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	23	19	19	18
Copper	ppm	78	69	75	77
Lead	ppm	0	0	1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	<1	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	3	3	3	3
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	3315	3195	3021	3244
Magnesium	ppm	17	17	18	18
Zinc	ppm	1383	1351	1288	1380
Phosphorus	ppm	1234	1179	1064	1141
Barium	ppm	0	0	0	0
Boron	ppm	83	78	104	95

Depot: SCHGRE
Unique No: 10789036
Signed: Don Baldrige
Report Date: 17 Dec 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

