



CONSTRUCTION EQUIPMENT

VOLVO A40G 341462 - WET DISC BRAKE



Sample No: VCP312993
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP312993	VCP312567	VCP359544	VCP385201
Sample Date	14 Nov 2023	01 Sep 2023	13 Apr 2023	24 Jan 2023
Machine Hours	17072	16607	15664	15179
Oil Hours	1908	943	2100	1615
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SCHILDBERG CONSTRUCTION COMPANY
 PO BOX 358
 GREENFIELD, IA
 US 50849
 Contact: SCOTT ARMSTRONG
 sarmstrong@schildberg.com
 T: (641)743-8237
 F: (641)743-2486



OIL CONDITION

Visc @ 40°C	cSt	52.7	53.0	52.2	52.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	12	10	14
Sodium	ppm	6	4	4	5
Potassium	ppm	0	1	0	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	11	13	16	16
Copper	ppm	45	39	42	42
Lead	ppm	<1	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	3	1	1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	<1	<1	1	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3299	3322	3028	3483
Magnesium	ppm	17	18	19	27
Zinc	ppm	1425	1429	1241	1263
Phosphorus	ppm	1127	1141	955	1023
Barium	ppm	0	0	0	0
Boron	ppm	107	122	101	115

Depot: SCHGRE
Unique No: 10755948
Signed: Sean Felton
Report Date: 28 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

