



CONSTRUCTION EQUIPMENT

W07012961 VOLVO A45G 342044 - DROP BOX



Sample No: VCP420338
Oil Type: MOBIL 75W90
Job No: W07012961



SAMPLE INFORMATION

Sample Number	VCP420338	VCP401298	VCP389104	VCP351033
Sample Date	28 Jun 2023	02 Feb 2023	26 Oct 2022	15 Mar 2022
Machine Hours	9226	8248	7830	7009
Oil Hours	500	0	700	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

McClung-Logan Virginia LLC- RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
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OIL CONDITION

Visc @ 40°C	cSt	48.6	48.3	48.8	45.5
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CONTAMINATION

Silicon	ppm	5	9	12	22
Sodium	ppm	4	4	3	15
Potassium	ppm	2	<1	1	<1

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	68	105	85	224
Copper	ppm	2	2	2	2
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	5	8	10	14
Chromium	ppm	<1	2	1	2
Molybdenum	ppm	2	3	3	6
Nickel	ppm	<1	1	0	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	1	2	2	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	8	24	25	41
Magnesium	ppm	0	2	3	<1
Zinc	ppm	26	41	45	66
Phosphorus	ppm	2755	2329	2414	2644
Barium	ppm	0	0	2	0
Boron	ppm	98	215	176	178

Depot: VOLVO8882
Unique No: 10563991
Signed: Don Baldrige
Report Date: 21 Jul 2023



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GRAPHS

