



CONSTRUCTION EQUIPMENT

WO7012686 VOLVO A40G 341245 - DROP BOX



Sample No: VCP425213
Oil Type: MOBIL 75W90
Job No: WO7012686



SAMPLE INFORMATION

Sample Number	VCP425213	VCP246320	VCP246330	VCP252578
Sample Date	21 Jul 2023	13 Jan 2023	24 Jun 2022	27 Jul 2019
Machine Hours	7168	6711	6300	4096
Oil Hours	500	0	0	0
Oil Changed	Changed	Changed	Changed	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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 T:
 F: (804)266-1611



OIL CONDITION

Visc @ 40°C	cSt	66.8	250	51.5	47.8
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CONTAMINATION

Silicon	ppm	2	5	7	31
Sodium	ppm	<1	<1	2	0
Potassium	ppm	<1	<1	0	<1



WEAR METALS

Iron	ppm	5	16	50	70
Copper	ppm	0	<1	2	5
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	4	11	16
Chromium	ppm	0	<1	<1	1
Molybdenum	ppm	<1	1	3	6
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	15	19	22	34
Magnesium	ppm	1	4	11	25
Zinc	ppm	2	16	30	37
Phosphorus	ppm	2147	1002	2175	2213
Barium	ppm	0	1	<1	0
Boron	ppm	295	186	212	133

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.

Depot: VOLVO8882
Unique No: 10604475
Signed: Jonathan Hester
Report Date: 16 Aug 2023



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GRAPHS

