



CONSTRUCTION EQUIPMENT

W07012739 VOLVO A40G 341644 - REAR AXLE



Sample No: VCP420970
Oil Type: MOBIL 75W90
Job No: W07012739



SAMPLE INFORMATION

Sample Number	VCP420970	VCP364879	VCP289117	---
Sample Date	12 Jun 2023	16 Sep 2022	17 Sep 2020	---
Machine Hours	6003	4852	2404	---
Oil Hours	2000	0	2000	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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

Visc @ 40°C	cSt	52.0	60.4	271.6	---
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CONTAMINATION

Silicon	ppm	5	9	2	---
Sodium	ppm	1	<1	1	---
Potassium	ppm	0	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	30	60	78	---
Copper	ppm	3	107	<1	---
Lead	ppm	0	<1	2	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	3	0	<1	---
Chromium	ppm	<1	1	1	---
Molybdenum	ppm	<1	1	2	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	3	5	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	70	2607	11	---
Magnesium	ppm	2	8	<1	---
Zinc	ppm	35	1039	9	---
Phosphorus	ppm	2260	1166	980	---
Barium	ppm	0	0	0	---
Boron	ppm	237	101	166	---

Depot: VOLVO8882
Unique No: 10521089
Signed: Don Baldrige
Report Date: 19 Jun 2023



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GRAPHS

