



CONSTRUCTION EQUIPMENT

614364 WM VOLVO L70G 614364 - FRONT AXLE



Sample No: VCP446438
Oil Type: VOLVO WB 102
Job No: 614364 WM



SAMPLE INFORMATION

Sample Number	VCP446438	VCP439237	---	---
Sample Date	05 Apr 2024	24 Feb 2024	---	---
Machine Hours	17604	17333	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	42.4	40.8	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	11	14	---	---
Sodium	ppm	<1	1	---	---
Potassium	ppm	0	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	38	209	---	---
Copper	ppm	1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	2	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3717	4584	---	---
Magnesium	ppm	30	14	---	---
Zinc	ppm	1519	1878	---	---
Phosphorus	ppm	1251	1362	---	---
Barium	ppm	0	0	---	---
Boron	ppm	117	140	---	---

Depot: VOLVO0096
Unique No: 10976295
Signed: Wes Davis
Report Date: 12 Apr 2024



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GRAPHS

