



CONSTRUCTION EQUIPMENT

529307 WM VOLVO L70G 614364 - REAR AXLE



Sample No: VCP446399
Oil Type: VOLVO WB 102
Job No: 529307 WM



SAMPLE INFORMATION

Sample Number	VCP446399	VCP439236	---	---
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	42.7	40.5	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	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	40	258	---	---
Copper	ppm	1	5	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	3	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	4556	4457	---	---
Magnesium	ppm	39	14	---	---
Zinc	ppm	1940	1830	---	---
Phosphorus	ppm	1520	1334	---	---
Barium	ppm	0	0	---	---
Boron	ppm	144	139	---	---

Depot: VOLVO0096
Unique No: 10969485
Signed: Wes Davis
Report Date: 11 Apr 2024



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GRAPHS

