



CONSTRUCTION EQUIPMENT

SW1022061 YAVAPAI VOLVO L70H 623687 - REAR AXLE



Sample No: VCP417452
Oil Type: VOLVO WB 102
Job No: SW1022061 YAVAPAI



SAMPLE INFORMATION

Sample Number	VCP417452	VCP303304	---	---
Sample Date	28 Jul 2023	27 Oct 2021	---	---
Machine Hours	8550	6567	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	42.4	48.5	---	---
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CONTAMINATION

Silicon	ppm	13	18	---	---
Sodium	ppm	2	4	---	---
Potassium	ppm	3	<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	32	32	---	---
Copper	ppm	4	20	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	2	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	6	43	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3911	3568	---	---
Magnesium	ppm	52	366	---	---
Zinc	ppm	1566	1247	---	---
Phosphorus	ppm	1277	1117	---	---
Barium	ppm	0	0	---	---
Boron	ppm	146	148	---	---

Depot: VOLVO6174
Unique No: 10589857
Signed: Wes Davis
Report Date: 08 Aug 2023



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GRAPHS

