



CONSTRUCTION EQUIPMENT

SW1022061 YAVAPAI VOLVO L70H 623687 - FRONT AXLE



Sample No: VCP417453
Oil Type: VOLVO WB 102
Job No: SW1022061 YAVAPAI



SAMPLE INFORMATION

Sample Number	VCP417453	VCP355065	VCP303305	---
Sample Date	28 Jul 2023	16 Sep 2022	27 Oct 2021	---
Machine Hours	8550	7501	6567	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	44.3	42.8	49.0	---
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CONTAMINATION

Silicon	ppm	9	9	14	---
Sodium	ppm	2	6	5	---
Potassium	ppm	3	0	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	16	10	22	---
Copper	ppm	<1	0	<1	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	2	1	1	---
Chromium	ppm	<1	<1	1	---
Molybdenum	ppm	11	11	45	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	<1	0	<1	---
Manganese	ppm	<1	<1	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3917	3907	3812	---
Magnesium	ppm	85	89	379	---
Zinc	ppm	1524	1506	1306	---
Phosphorus	ppm	1288	1229	1177	---
Barium	ppm	0	0	0	---
Boron	ppm	151	126	153	---

Depot: VOLVO6174
Unique No: 10589856
Signed: Wes Davis
Report Date: 08 Aug 2023



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GRAPHS

