



CONSTRUCTION EQUIPMENT

SWA590217-20 VOLVO A30G 752316 - BOGIE/CENTER AXLE



Sample No: VCP440047
Oil Type: {unknown}
Job No: SWA590217-20



SAMPLE INFORMATION

Sample Number	VCP440047	VCP379705	---	---
Sample Date	20 Jun 2024	29 Nov 2022	---	---
Machine Hours	3960	2557	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

ALTA EQUIPMENT COMPANY

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OIL CONDITION

Visc @ 40°C	cSt	94.3	97.8	---	---
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CONTAMINATION

Water	%	0.224	0.406	---	---
Silicon	ppm	34	32	---	---
Sodium	ppm	2	0	---	---
Potassium	ppm	7	0	---	---



WEAR METALS

Iron	ppm	1066	616	---	---
Copper	ppm	103	43	---	---
Lead	ppm	0	0	---	---
Tin	ppm	5	<1	---	---
Aluminum	ppm	4	6	---	---
Chromium	ppm	13	11	---	---
Molybdenum	ppm	18	15	---	---
Nickel	ppm	6	1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	25	25	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	735	691	---	---
Magnesium	ppm	8	11	---	---
Zinc	ppm	390	327	---	---
Phosphorus	ppm	1525	1371	---	---
Barium	ppm	5	8	---	---
Boron	ppm	134	160	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0095
Unique No: 11110076
Signed: Don Baldrige
Report Date: 05 Jul 2024



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GRAPHS

