



CONSTRUCTION EQUIPMENT

SWA289046 DEV CEN FL VOLVO L70H 622155 - FRONT AXLE



Sample No: VCP427173
Oil Type: VOLVO WB 102
Job No: SWA289046 DEV CEN FL



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP427173	VCP327914	---	---
Sample Date	20 Jun 2023	18 Oct 2021	---	---
Machine Hours	6109	4974	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 40.6	█ 39.8	---	---
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CONTAMINATION

Silicon	ppm	█ 15	█ 12	---	---
Sodium	ppm	█ 4	█ 3	---	---
Potassium	ppm	█ 0	█ 2	---	---



WEAR METALS

Iron	ppm	█ 116	█ 88	---	---
Copper	ppm	█ <1	█ 1	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 1	█ <1	---	---
Chromium	ppm	█ 4	█ 3	---	---
Molybdenum	ppm	█ 5	█ 3	---	---
Nickel	ppm	█ <1	█ <1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 7	█ 5	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 3990	█ 4279	---	---
Magnesium	ppm	█ 13	█ 8	---	---
Zinc	ppm	█ 1637	█ 1659	---	---
Phosphorus	ppm	█ 1303	█ 1253	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 119	█ 107	---	---

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.

Depot: VOLVO0093
Unique No: 10536414
Signed: Wes Davis
Report Date: 02 Jul 2023



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GRAPHS

