



CONSTRUCTION EQUIPMENT

SW-22078 SEG 1 VOLVO L70H 624335 - REAR AXLE



Sample No: VCP422958
Oil Type: VOLVO WB 102
Job No: SW-22078 SEG 1



SAMPLE INFORMATION

Sample Number	VCP422958	---	---	---
Sample Date	25 Jul 2023	---	---	---
Machine Hours	3551	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

ARNOLD MACHINERY COMPANY

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 US 84119
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OIL CONDITION

Visc @ 40°C	cSt	█ 49.6	---	---	---
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CONTAMINATION

Silicon	ppm	█ 22	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 43	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 7	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3064	---	---	---
Magnesium	ppm	72	---	---	---
Zinc	ppm	█ 1280	---	---	---
Phosphorus	ppm	█ 1030	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 112	---	---	---

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. No cross contamination detected. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8770
Unique No: 10586853
Signed: Don Baldrige
Report Date: 04 Aug 2023



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GRAPHS

