



CONSTRUCTION EQUIPMENT

SW1032995-1 HERC VOLVO L70H 623968 - REAR AXLE



Sample No: VCP359730
Oil Type: OIL ALL EXTREME AW 46
Job No: SW1032995-1 HERC



ARNOLD MACHINERY COMPANY
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LAS VEGAS, NV
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SAMPLE INFORMATION

Sample Number	VCP359730	---	---	---
Sample Date	15 Apr 2024	---	---	---
Machine Hours	2016	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 39.4	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 19	---	---	---
Sodium	ppm	■ 11	---	---	---
Potassium	ppm	■ 4	---	---	---



WEAR METALS

Iron	ppm	■ 137	---	---	---
Copper	ppm	■ 24	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 6	---	---	---
Molybdenum	ppm	5	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	11	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	4073	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1658	---	---	---
Phosphorus	ppm	1476	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	148	---	---	---

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: VOLVO5856
Unique No: 10993497
Signed: Wes Davis
Report Date: 24 Apr 2024



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GRAPHS

