



CONSTRUCTION EQUIPMENT

SW1032995-1 HERC VOLVO L70H 623968 - FRONT AXLE



Sample No: VCP362523
Oil Type: OIL ALL EXTREME AW 46
Job No: SW1032995-1 HERC



SAMPLE INFORMATION

Sample Number	VCP362523	---	---	---
Sample Date	15 Apr 2024	---	---	---
Machine Hours	2016	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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4136 NORTH DONOVAN WAY
LAS VEGAS, NV
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F:



OIL CONDITION

Visc @ 40°C	cSt	■ 39.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 16	---	---	---
Sodium	ppm	■ 11	---	---	---
Potassium	ppm	■ 3	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 84	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	15	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	13	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	3957	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1580	---	---	---
Phosphorus	ppm	1396	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	142	---	---	---

Depot: VOLVO5856
Unique No: 10993496
Signed: Don Baldrige
Report Date: 25 Apr 2024



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VOLVO GRAPHS

