



CONSTRUCTION EQUIPMENT

9743 HERC VOLVO L70H 623001 - REAR AXLE



Sample No: VCP439136
Oil Type: TRANSAXLE OIL SAE 75W80
Job No: 9743 HERC



SAMPLE INFORMATION

Sample Number	VCP439136	---	---	---
Sample Date	06 Feb 2024	---	---	---
Machine Hours	2097	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 41.0	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other 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.



WEAR METALS

Iron	ppm	█ 162	---	---	---
Copper	ppm	▲ 156	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 16	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 11	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3897	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 1571	---	---	---
Phosphorus	ppm	█ 1309	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 155	---	---	---

Depot: VOLVO0096
Unique No: 10872968
Signed: Jonathan Hester
Report Date: 13 Feb 2024



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GRAPHS

