



CONSTRUCTION EQUIPMENT

VOLVO L70H 624689 - REAR AXLE



Sample No: VCP455459
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP455459	VCP401243	---	---
Sample Date	01 May 2024	23 Oct 2023	---	---
Machine Hours	3009	2462	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	46.2	46.3	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	4	---	---
Sodium	ppm	2	1	---	---
Potassium	ppm	1	0	---	---



WEAR METALS

Iron	ppm	127	110	---	---
Copper	ppm	235	234	---	---
Lead	ppm	5	<1	---	---
Tin	ppm	21	21	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	2	1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	3	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	113	109	---	---
Magnesium	ppm	0	0	---	---
Zinc	ppm	395	403	---	---
Phosphorus	ppm	389	354	---	---
Barium	ppm	0	0	---	---
Boron	ppm	4	<1	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0090
Unique No: 11016376
Signed: Jonathan Hester
Report Date: 08 May 2024



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GRAPHS

