



CONSTRUCTION EQUIPMENT

VOLVO L70H 05262376 (S/N 052623276) - REAR AXLE



Sample No: VCP436492
Oil Type: VOLVO WB 101
Job No:



SAMPLE INFORMATION

Sample Number	VCP436492	VCP422151	VCP383245	---
Sample Date	06 May 2024	15 Sep 2023	06 Feb 2023	---
Machine Hours	0	5452	4750	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

CITY CARTING
 221 OLD GATE LN
 MILFORD, CT
 US 06460
 Contact: TAVINS BANKS
 tavins@citycart.net
 T: (203)223-3885
 F:



OIL CONDITION

Visc @ 40°C	cSt	42.5	42.4	42.8	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	14	13	13	---
Sodium	ppm	2	11	9	---
Potassium	ppm	0	<1	2	---

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.



WEAR METALS

Iron	ppm	110	201	134	---
Copper	ppm	3	6	4	---
Lead	ppm	2	0	0	---
Tin	ppm	<1	<1	<1	---
Aluminum	ppm	2	1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	40	33	21	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	2	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	4212	4109	4072	---
Magnesium	ppm	28	22	15	---
Zinc	ppm	1832	1663	1651	---
Phosphorus	ppm	1476	1318	1342	---
Barium	ppm	<1	0	0	---
Boron	ppm	140	136	147	---

Depot: CITMILCON
Unique No: 11020272
Signed: Wes Davis
Report Date: 10 May 2024



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GRAPHS

