



CONSTRUCTION EQUIPMENT

VOLVO L120H 632529 - FRONT AXLE



Sample No: VCP436721
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP436721	VCP365155	VCP298948	---
Sample Date	07 Dec 2023	08 Jun 2023	17 Mar 2021	---
Machine Hours	17016	15919	8400	---
Oil Hours	0	0	986	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	SEVERE	NORMAL	NORMAL	---

FORESTRY RESOURCES

4353 MICHIGAN LINK
 FORT MYERS, FL
 US 33916
 Contact: COREY MUELLER



OIL CONDITION

Visc @ 40°C	cSt	42.2	51.2	39.9	---
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T: (239)872-1856
 F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	18	16	7	---
Sodium	ppm	8	<1	5	---
Potassium	ppm	0	2	0	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The iron level is severe. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



WEAR METALS

Iron	ppm	1614	186	38	---
Copper	ppm	2	<1	<1	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	<1	<1	---
Chromium	ppm	22	2	<1	---
Molybdenum	ppm	<1	3	<1	---
Nickel	ppm	7	1	0	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	12	2	<1	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	3905	3679	3404	---
Magnesium	ppm	23	26	9	---
Zinc	ppm	1638	1429	1439	---
Phosphorus	ppm	1345	1173	1316	---
Barium	ppm	0	2	0	---
Boron	ppm	131	111	97	---

Depot: FORFOTFL
Unique No: 10780801
Signed: Sean Felton
Report Date: 14 Dec 2023



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GRAPHS

