



CONSTRUCTION EQUIPMENT

A11723 VOLVO L180H 5446 - REAR AXLE



Sample No: VCP439462
Oil Type: VOLVO WB 102
Job No: A11723



SAMPLE INFORMATION

Sample Number	VCP439462	VCP411863	VCP399139	---
Sample Date	23 Dec 2023	10 Jul 2023	03 Feb 2023	---
Machine Hours	6982	6010	5041	---
Oil Hours	0	2000	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

COVANTA METAL MARKETING LLC
 500 MIDDLE DR
 FAIRLESS HILLS, PA
 US 19030
 Contact: J.P.



OIL CONDITION

Visc @ 40°C	cSt	42.8	42.6	42.4	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	13	13	11	---
Sodium	ppm	2	1	2	---
Potassium	ppm	<1	0	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	27	19	23	---
Copper	ppm	2	2	1	---
Lead	ppm	0	<1	0	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	1	2	0	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	1	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	4110	4248	4186	---
Magnesium	ppm	18	16	16	---
Zinc	ppm	1717	1742	1701	---
Phosphorus	ppm	1444	1377	1351	---
Barium	ppm	0	0	0	---
Boron	ppm	132	126	142	---

Depot: COVFAI
Unique No: 10822030
Signed: Wes Davis
Report Date: 10 Jan 2024



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GRAPHS

