



CONSTRUCTION EQUIPMENT

41782 COVIA - FRONT AXLE



Sample No: VCP447642
Oil Type: VOLVO WB 102
Job No: 41782 COVIA



SAMPLE INFORMATION

Sample Number	VCP447642	VCP239708	---	---
Sample Date	20 May 2024	24 Apr 2020	---	---
Machine Hours	4333	0	---	---
Oil Hours	0	2000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

215 - ASCENDUM MACHINERY INC - CAYCE
 2303 AIRPORT BLVD
 CAYCE, SC
 US 29033
 Contact: TAMI BROWDER



OIL CONDITION

Visc @ 40°C	cSt	39.7	43.8	---	---
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T: (803)923-2138
 F: (803)791-9920



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	39	36	---	---
Sodium	ppm	5	4	---	---
Potassium	ppm	4	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	179	202	---	---
Copper	ppm	19	12	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	10	8	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	2	2	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	4897	4192	---	---
Magnesium	ppm	31	61	---	---
Zinc	ppm	2001	1658	---	---
Phosphorus	ppm	1424	1278	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	188	116	---	---

Depot: VOLVO0013
Unique No: 11046309
Signed: Wes Davis
Report Date: 24 May 2024



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GRAPHS

