



CONSTRUCTION EQUIPMENT

VOLVO L110H 631015 - FRONT AXLE



Sample No: VCP452360
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP452360	VCP192985	---	---
Sample Date	16 Feb 2024	13 Mar 2017	---	---
Machine Hours	9098	1978	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	42.1	41.02	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	21	---	---
Sodium	ppm	0	4	---	---
Potassium	ppm	0	<1	---	---

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

PQ		---	15	---	---
Iron	ppm	181	601	---	---
Copper	ppm	<1	13	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	13	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	2	13	---	---
Molybdenum	ppm	0	5	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	13	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3784	4194	---	---
Magnesium	ppm	18	16	---	---
Zinc	ppm	1647	1688	---	---
Phosphorus	ppm	1346	1272	---	---
Barium	ppm	0	0	---	---
Boron	ppm	119	118	---	---

Depot: VOLVO0093
Unique No: 10887350
Signed: Wes Davis
Report Date: 21 Feb 2024



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GRAPHS

