



CONSTRUCTION EQUIPMENT

SWO-069745 APAC VOLVO L150H 6816 - REAR AXLE



Sample No: VCP444456
Oil Type: VOLVO WB 101
Job No: SWO-069745 APAC



SAMPLE INFORMATION

Sample Number	VCP444456	VCP289467	VCP271674	---
Sample Date	15 Feb 2024	06 Oct 2020	28 May 2020	---
Machine Hours	7536	2531	2006	---
Oil Hours	0	0	0	---
Oil Changed	Changed	N/A	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

COWIN EQUIPMENT COMPANY

2238 PINSON VALLEY PARKWAY
BIRMINGHAM, AL
US 35217
Contact: BRANTLY CLAY
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T:
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OIL CONDITION

Visc @ 40°C	cSt	49.6	50.4	39.1	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	14	11	13	---
Sodium	ppm	0	6	4	---
Potassium	ppm	0	9	2	---



WEAR METALS

Iron	ppm	95	22	75	---
Copper	ppm	31	8	14	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	0	---
Chromium	ppm	1	<1	2	---
Molybdenum	ppm	0	7	2	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	1	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3023	3553	3637	---
Magnesium	ppm	10	98	8	---
Zinc	ppm	1353	1406	1374	---
Phosphorus	ppm	1109	1151	1211	---
Barium	ppm	0	0	0	---
Boron	ppm	95	105	109	---

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.

Depot: VOLVO8528
Unique No: 10887355
Signed: Wes Davis
Report Date: 21 Feb 2024



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GRAPHS

