



CONSTRUCTION EQUIPMENT

SWO-069745 APAC VOLVO L150H 6816 - FRONT AXLE



Sample No: VCP444449
Oil Type: VOLVO WB 101
Job No: SWO-069745 APAC



SAMPLE INFORMATION

Sample Number	VCP444449	VCP289489	VCP271672	---
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	50.1	49.1	40.0	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	11	10	12	---
Sodium	ppm	0	6	4	---
Potassium	ppm	0	1	2	---



WEAR METALS

Iron	ppm	88	36	120	---
Copper	ppm	30	11	19	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	0	---
Chromium	ppm	<1	<1	4	---
Molybdenum	ppm	0	7	2	---
Nickel	ppm	<1	1	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	1	0	---
Manganese	ppm	<1	1	5	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3048	3384	3561	---
Magnesium	ppm	9	83	8	---
Zinc	ppm	1349	1368	1348	---
Phosphorus	ppm	1098	1165	1202	---
Barium	ppm	0	0	0	---
Boron	ppm	96	103	107	---

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: 10887356
Signed: Wes Davis
Report Date: 21 Feb 2024



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GRAPHS

