



CONSTRUCTION EQUIPMENT

VOLVO L150H 6359 - FRONT AXLE



Sample No: VCP408305
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP408305	VCP284250	VCP283089	---
Sample Date	27 Jun 2023	12 Jun 2020	01 May 2020	---
Machine Hours	6537	3642	3345	---
Oil Hours	2000	0	0	---
Oil Changed	Changed	N/A	N/A	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	40.0	39.3	39.1	---
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CONTAMINATION

Silicon	ppm	10	16	11	---
Sodium	ppm	5	8	7	---
Potassium	ppm	<1	0	<1	---



WEAR METALS

Iron	ppm	122	371	295	---
Copper	ppm	23	11	10	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	1	1	---
Chromium	ppm	2	8	6	---
Molybdenum	ppm	3	5	2	---
Nickel	ppm	1	2	2	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	11	9	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	3751	4034	3501	---
Magnesium	ppm	19	10	8	---
Zinc	ppm	1631	1625	1314	---
Phosphorus	ppm	1311	1351	1208	---
Barium	ppm	0	0	0	---
Boron	ppm	119	120	102	---

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: VOLVO0264
Unique No: 10538054
Signed: Don Baldrige
Report Date: 04 Jul 2023



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GRAPHS

