



CONSTRUCTION EQUIPMENT

VOLVO L150H 6359 - REAR AXLE



Sample No: VCP408300
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP408300	VCP284251	VCP282801	---
Sample Date	27 Jun 2023	12 Jun 2020	01 May 2020	---
Machine Hours	6537	3642	3345	---
Oil Hours	200	0	0	---
Oil Changed	Changed	Not Changd	N/A	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	39.7	42.1	39.3	---
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CONTAMINATION

Silicon	ppm	10	14	9	---
Sodium	ppm	6	8	7	---
Potassium	ppm	<1	0	<1	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	55	209	157	---
Copper	ppm	18	13	11	---
Lead	ppm	0	1	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	2	<1	<1	---
Chromium	ppm	1	4	3	---
Molybdenum	ppm	2	3	2	---
Nickel	ppm	<1	2	1	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	8	7	---
Vanadium	ppm	<1	<1	0	---



ADDITIVES

Calcium	ppm	3848	4458	3543	---
Magnesium	ppm	24	10	7	---
Zinc	ppm	1670	1819	1342	---
Phosphorus	ppm	1315	1474	1216	---
Barium	ppm	0	0	0	---
Boron	ppm	126	133	104	---

Depot: VOLVO0264
Unique No: 10538053
Signed: Don Baldrige
Report Date: 04 Jul 2023



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GRAPHS

