



CONSTRUCTION EQUIPMENT

SPM566281 VOLVO L150H 6938 - REAR AXLE



Sample No: VCP423136
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM566281



SAMPLE INFORMATION

Sample Number	VCP423136	VCP410973	VCP364840	VCP322356
Sample Date	14 Jun 2023	04 Apr 2023	23 Aug 2022	25 Jun 2021
Machine Hours	9087	5815	6938	1507
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
 CHICAGO, IL
 US 60608
 Contact: RYAN WISE
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	42.9	42.7	46.3	44.1
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CONTAMINATION

Silicon	ppm	21	23	15	11
Sodium	ppm	5	2	8	12
Potassium	ppm	0	0	0	<1



WEAR METALS

Iron	ppm	75	66	185	53
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	3	3	2	1
Chromium	ppm	<1	<1	3	1
Molybdenum	ppm	<1	1	2	2
Nickel	ppm	0	0	1	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	1	2	6	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3549	3952	3766	3914
Magnesium	ppm	28	28	26	26
Zinc	ppm	1459	1585	1495	1554
Phosphorus	ppm	1151	1218	1216	1261
Barium	ppm	0	0	0	0
Boron	ppm	153	129	162	157

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: SIMCHIL
Unique No: 10548907
Signed: Wes Davis
Report Date: 10 Jul 2023



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GRAPHS

