



CONSTRUCTION EQUIPMENT

SPM620300 VOLVO L150H 6952 - REAR AXLE



Sample No: VCP415422
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM620300



SAMPLE INFORMATION

Sample Number	VCP415422	VCP415464	VCP420696	VCP423213
Sample Date	12 Oct 2023	25 Aug 2023	19 Jul 2023	01 Jun 2023
Machine Hours	11878	11277	10311	10051
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	ABNORMAL	ABNORMAL	SEVERE

SIMS METAL MANAGEMENT

2500 S. PAULINA
 CHICAGO, IL
 US 60608
 Contact: RYAN WISE
 ryan.wise@simsmm.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	44.7	44.5	44.5	129
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CONTAMINATION

Silicon	ppm	16	15	13	16
Sodium	ppm	2	5	5	2
Potassium	ppm	0	<1	<1	5



WEAR METALS

Iron	ppm	95	90	74	1236
Copper	ppm	0	0	<1	751
Lead	ppm	0	0	<1	14
Tin	ppm	0	0	<1	40
Aluminum	ppm	2	<1	<1	3
Chromium	ppm	2	2	2	14
Molybdenum	ppm	0	<1	1	5
Nickel	ppm	1	<1	<1	11
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	2	0
Manganese	ppm	3	3	3	12
Vanadium	ppm	<1	0	<1	<1



ADDITIVES

Calcium	ppm	4043	4041	3497	833
Magnesium	ppm	26	22	22	405
Zinc	ppm	1736	1644	1415	803
Phosphorus	ppm	1396	1288	1114	969
Barium	ppm	0	0	0	0
Boron	ppm	127	159	121	72

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: 10713391
Signed: Wes Davis
Report Date: 27 Oct 2023

VOLVO **GRAPHS**

