



CONSTRUCTION EQUIPMENT

SPM595387 VOLVO L150H 6952 - FRONT AXLE



Sample No: VCP413051
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM595387



SAMPLE INFORMATION

Sample Number	VCP413051	VCP420697	VCP423243	VCP365856
Sample Date	25 Aug 2023	19 Jul 2023	01 Jun 2023	16 Nov 2022
Machine Hours	11277	10311	10051	8396
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	NORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
 CHICAGO, IL
 US 60608
 Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	44.7	44.6	138	40.1
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CONTAMINATION

Silicon	ppm	14	13	4	14
Sodium	ppm	7	5	<1	11
Potassium	ppm	<1	<1	0	0



WEAR METALS

Iron	ppm	83	74	91	190
Copper	ppm	1	<1	4	<1
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	0	1
Chromium	ppm	2	2	<1	5
Molybdenum	ppm	0	1	<1	12
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	3	3	1	11
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	3842	3513	17	3930
Magnesium	ppm	22	23	1	15
Zinc	ppm	1524	1424	0	1580
Phosphorus	ppm	1245	1124	732	1238
Barium	ppm	0	0	0	0
Boron	ppm	128	121	100	125

Diagnosis

No corrective action is recommended at this time. 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.

Depot: SIMCHIL
Unique No: 10634543
Signed: Don Baldrige
Report Date: 08 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

