



CONSTRUCTION EQUIPMENT

SPM620300 VOLVO L150H 6952 - FRONT AXLE



Sample No: VCP415345
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM620300



SAMPLE INFORMATION

Sample Number	VCP415345	VCP413051	VCP420697	VCP423243
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	ABNORMAL

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	45.3	44.7	▲ 44.6	138
-------------	-----	-------------	------	--------	-----



CONTAMINATION

Silicon	ppm	15	14	13	4
Sodium	ppm	2	7	5	<1
Potassium	ppm	0	<1	<1	0



WEAR METALS

Iron	ppm	93	83	74	91
Copper	ppm	0	1	<1	4
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	2	<1	0
Chromium	ppm	2	2	2	<1
Molybdenum	ppm	0	0	1	<1
Nickel	ppm	1	<1	<1	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	3	3	3	1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	3982	3842	3513	17
Magnesium	ppm	25	22	23	1
Zinc	ppm	1709	1524	1424	0
Phosphorus	ppm	1381	1245	1124	732
Barium	ppm	0	0	0	0
Boron	ppm	123	128	121	100

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: 10713404
Signed: Wes Davis
Report Date: 27 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

