



CONSTRUCTION EQUIPMENT

VOLVO L150H 7152 - FRONT AXLE



Sample No: VCP06152674
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP06152674	VCP415064	VCP400510	VCP425438
Sample Date	01 Apr 2024	07 Feb 2024	10 Nov 2023	12 Sep 2023
Machine Hours	0	0	2294	1861
Oil Hours	0	0	0	0
Oil Changed	N/A	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	40.7	42.8	41.3	41.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	18	20	23
Sodium	ppm	3	0	0	9
Potassium	ppm	2	2	2	5

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.



WEAR METALS

Iron	ppm	41	73	102	268
Copper	ppm	<1	3	<1	1
Lead	ppm	0	<1	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	<1	1	2	4
Chromium	ppm	0	2	<1	4
Molybdenum	ppm	0	2	2	9
Nickel	ppm	0	1	<1	<1
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	2	3	2	11
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	3158	3577	3403	4114
Magnesium	ppm	5	18	9	12
Zinc	ppm	1452	1533	1444	1657
Phosphorus	ppm	1307	1238	1200	1356
Barium	ppm	0	0	2	0
Boron	ppm	35	125	29	133

Depot: VOLVO5055
Unique No: 10982752
Signed: Wes Davis
Report Date: 18 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

