



CONSTRUCTION EQUIPMENT

VOLVO L150H 6989 - REAR AXLE



Sample No: VCP452642
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP452642	VCP436464	VCP432600	VCP411573
Sample Date	02 Jul 2024	09 May 2024	22 Feb 2024	02 Oct 2023
Machine Hours	7460	7072	6479	5387
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	ABNORMAL	ABNORMAL	NORMAL

CITY CARTING
 221 OLD GATE LN
 MILFORD, CT
 US 06460
 Contact: TAVINS BANKS
 tavins@citycart.net
 T: (203)223-3885
 F:



OIL CONDITION

Visc @ 40°C	cSt	42.7	43.5	44.2	55.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	14	13	19
Sodium	ppm	0	2	2	4
Potassium	ppm	2	0	0	2

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	56	43	93	120
Copper	ppm	2	<1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	3	<1	1	0
Chromium	ppm	<1	<1	1	2
Molybdenum	ppm	3	2	3	4
Nickel	ppm	0	0	<1	<1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	1	2	3
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	3947	3977	3728	3987
Magnesium	ppm	20	0	20	12
Zinc	ppm	1540	1597	1578	1609
Phosphorus	ppm	1297	1311	1304	1435
Barium	ppm	<1	0	0	1
Boron	ppm	137	138	125	151

Depot: CITMILCON
Unique No: 11124074
Signed: Sean Felton
Report Date: 15 Jul 2024



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GRAPHS

