



CONSTRUCTION EQUIPMENT

A12084 WM VOLVO L150H 5620 - REAR AXLE



Sample No: VCP440437
Oil Type: MOBIL WB 102
Job No: A12084 WM



SAMPLE INFORMATION

Sample Number	VCP440437	VCP425913	VCP428664	VCP399877
Sample Date	15 Feb 2024	15 Feb 2024	05 Jan 2024	08 Feb 2023
Machine Hours	15280	15280	14960	13266
Oil Hours	1500	1500	1000	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
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OIL CONDITION

Visc @ 40°C	cSt	43.9	44.6	44.7	46.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	11	12	16
Sodium	ppm	<1	<1	1	10
Potassium	ppm	0	0	<1	0

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	34	29	41	86
Copper	ppm	2	<1	0	1
Lead	ppm	<1	0	<1	<1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	<1	<1	1	1
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	4	8	7	9
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	2460	3187	3269	3993
Magnesium	ppm	26	32	47	15
Zinc	ppm	1130	1330	1442	1562
Phosphorus	ppm	925	1077	1226	1202
Barium	ppm	0	0	0	0
Boron	ppm	82	104	110	141

Depot: VOLVO8879
Unique No: 10890148
Signed: Wes Davis
Report Date: 23 Feb 2024



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GRAPHS

