



CONSTRUCTION EQUIPMENT

527681 VOLVO L60H 622532 - REAR AXLE



Sample No: VCP440027
Oil Type: VOLVO WB 102
Job No: 527681



SAMPLE INFORMATION

Sample Number	VCP440027	VCP444308	VCP429201	VCP395973
Sample Date	05 Apr 2024	14 Feb 2024	11 Oct 2023	31 Jan 2023
Machine Hours	11071	10530	9385	7204
Oil Hours	2000	2000	4000	1000
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	MARGINAL	ABNORMAL	NORMAL	NORMAL

WASTE MANAGEMENT TAMPA TRANSFER
 3518 4TH AVE
 TAMPA, FL
 US 33605
 Contact: JOHN POLLOCK
 jpollock2@wm.com
 T: (813)247-7397
 F: (813)247-4847



OIL CONDITION

Visc @ 40°C	cSt	42.3	41.5	39.6	40.7
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CONTAMINATION

Water	%	0.391	NEG	NEG	NEG
Silicon	ppm	13	15	14	14
Sodium	ppm	0	10	9	11
Potassium	ppm	0	0	<1	<1

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	43	564	427	186
Copper	ppm	<1	16	13	2
Lead	ppm	0	0	0	1
Tin	ppm	<1	2	<1	<1
Aluminum	ppm	<1	1	1	<1
Chromium	ppm	<1	9	7	6
Molybdenum	ppm	50	21	14	4
Nickel	ppm	0	3	3	1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	20	16	11
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	3928	4013	3653	3816
Magnesium	ppm	44	0	8	16
Zinc	ppm	1592	1628	1582	1574
Phosphorus	ppm	1292	1415	1268	1180
Barium	ppm	<1	0	0	0
Boron	ppm	150	132	111	133

Depot: WASTAM
Unique No: 11018974
Signed: Don Baldrige
Report Date: 10 May 2024



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VOLVO GRAPHS

