



CONSTRUCTION EQUIPMENT

D13254 WM FOND DU LA VOLVO L120H 632883 - FRONT AXLE



Sample No: VCP429546
Oil Type: VOLVO WB 102
Job No: D13254 WM FOND DU LA



SAMPLE INFORMATION

Sample Number	VCP429546	VCP414072	VCP382372	VCP360500
Sample Date	19 Jan 2024	05 Oct 2023	17 Jan 2023	14 Oct 2022
Machine Hours	6719	6027	4350	3666
Oil Hours	190	1632	2164	1480
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)
13001 W SILVERE SPRING DR
BUTLER, WI
US 53007
Contact: GLENN OTTENBACHER
gottenbacher@aring.com
T: (262)282-0715
F: (262)781-5053



OIL CONDITION

Visc @ 40°C	cSt	43.6	43.1	45.9	46.2
-------------	-----	-------------	------	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	15	12	13
Sodium	ppm	<1	4	5	5
Potassium	ppm	1	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	25	29	60	52
Copper	ppm	0	1	<1	<1
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	<1	<1	0
Aluminum	ppm	2	1	<1	1
Chromium	ppm	0	<1	2	1
Molybdenum	ppm	16	<1	5	5
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	3	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3933	3421	3724	3778
Magnesium	ppm	33	40	79	71
Zinc	ppm	1638	1335	1619	1440
Phosphorus	ppm	1324	1154	1209	1236
Barium	ppm	0	0	0	0
Boron	ppm	157	125	119	127

Depot: VOLVO0069
Unique No: 10849946
Signed: Wes Davis
Report Date: 30 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

