



CONSTRUCTION EQUIPMENT

D13254 WM FOND DU LA VOLVO L120H 632883 - REAR AXLE



Sample No: VCP429544
Oil Type: VOLVO WB 102
Job No: D13254 WM FOND DU LA



SAMPLE INFORMATION

Sample Number	VCP429544	VCP418693	VCP05746653	VCP360512
Sample Date	19 Jan 2024	05 Oct 2023	17 Jan 2023	14 Oct 2022
Machine Hours	6719	6027	4350	3666
Oil Hours	692	1632	2164	1480
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	ABNORMAL	NORMAL	ABNORMAL	NORMAL

ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)
13001 W SILVERE SPRING DR
BUTLER, WI
US 53007
Contact: GLENN OTTENBACHER
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OIL CONDITION

Visc @ 40°C	cSt	43.1	42.9	43.7	44.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	13	13	13
Sodium	ppm	1	4	6	5
Potassium	ppm	1	0	1	0

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	25	45	64	52
Copper	ppm	0	<1	<1	4
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	2	1	<1	1
Chromium	ppm	0	<1	1	<1
Molybdenum	ppm	15	24	13	11
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4045	3524	3896	3903
Magnesium	ppm	20	32	43	38
Zinc	ppm	1646	1371	1655	1460
Phosphorus	ppm	1311	1167	1234	1243
Barium	ppm	0	0	0	0
Boron	ppm	160	127	123	130

Depot: VOLVO0069
Unique No: 10849947
Signed: Don Baldrige
Report Date: 31 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

