



CONSTRUCTION EQUIPMENT

D12467 WM A-1 MORGAN VOLVO L70H 624717 - FRONT AXLE



Sample No: VCP381282
Oil Type: VOLVO WB 102
Job No: D12467 WM A-1 MORGAN



SAMPLE INFORMATION

Sample Number	VCP381282	VCP419530	VCP407375	VCP381317
Sample Date	28 Jun 2023	24 May 2023	17 Apr 2023	29 Mar 2023
Machine Hours	2570	2349	2217	1993
Oil Hours	353	132	1039	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)
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OIL CONDITION

Visc @ 40°C	cSt	42.4	42.9	42.4	40.5
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CONTAMINATION

Silicon	ppm	18	18	19	20
Sodium	ppm	3	3	3	4
Potassium	ppm	0	0	2	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	61	56	53	51
Copper	ppm	1	1	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	0	1
Chromium	ppm	2	2	2	1
Molybdenum	ppm	5	4	5	5
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	6	6	5	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3683	3712	3675	3722
Magnesium	ppm	16	20	15	22
Zinc	ppm	1488	1519	1528	1549
Phosphorus	ppm	1199	1224	1204	1242
Barium	ppm	0	0	0	0
Boron	ppm	135	148	132	130

Depot: VOLVO0069
Unique No: 10546410
Signed: Wes Davis
Report Date: 06 Jul 2023



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VOLVO GRAPHS

