



CONSTRUCTION EQUIPMENT

SWA310208 WOOD MEAD VOLVO A40G 341583 - FRONT AXLE



Sample No: VCP416248
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: SWA310208 WOOD MEAD



SAMPLE INFORMATION

Sample Number	VCP416248	VCP394015	VCP313185	VCP243926
Sample Date	13 Jul 2023	31 Jan 2023	17 May 2021	31 Jul 2020
Machine Hours	8238	8449	7230	6059
Oil Hours	0	0	1000	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
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OIL CONDITION

Visc @ 40°C	cSt	273	282	293	279
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CONTAMINATION

Silicon	ppm	12	8	4	27
Sodium	ppm	0	0	<1	<1
Potassium	ppm	<1	<1	0	1

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. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	61	49	30	80
Copper	ppm	3	<1	<1	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	<1	0	8
Chromium	ppm	1	<1	<1	1
Molybdenum	ppm	11	10	6	14
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	3	2	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	203	136	77	119
Magnesium	ppm	32	30	26	26
Zinc	ppm	104	83	47	53
Phosphorus	ppm	1059	925	969	821
Barium	ppm	0	0	0	0
Boron	ppm	187	182	253	169

Depot: VOLVO2990
Unique No: 10563020
Signed: Don Baldrige
Report Date: 20 Jul 2023



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VOLVO GRAPHS

