



CONSTRUCTION EQUIPMENT

SWA310208 WOOD MEAD VOLVO A40G 341583 - BOGIE/CENTER AXLE



Sample No: VCP416312
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: SWA310208 WOOD MEAD



SAMPLE INFORMATION

Sample Number	VCP416312	VCP394019	VCP310735	VCP243922
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	251	251	292	281
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CONTAMINATION

Silicon	ppm	10	8	29	45
Sodium	ppm	0	0	<1	<1
Potassium	ppm	<1	<1	<1	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	64	33	80	143
Copper	ppm	<1	<1	2	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	4	10
Chromium	ppm	<1	<1	<1	2
Molybdenum	ppm	15	14	6	12
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	213	191	76	116
Magnesium	ppm	59	56	25	22
Zinc	ppm	133	131	51	49
Phosphorus	ppm	1042	940	958	815
Barium	ppm	0	0	0	0
Boron	ppm	181	176	192	156

Depot: VOLVO2990
Unique No: 10563018
Signed: Don Baldrige
Report Date: 20 Jul 2023



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VOLVO GRAPHS

