



CONSTRUCTION EQUIPMENT

SWA310208 WOOD MEAD VOLVO A40G 341583 - REAR AXLE



Sample No: VCP416321
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: SWA310208 WOOD MEAD



SAMPLE INFORMATION

Sample Number	VCP416321	VCP394378	VCP311982	VCP243925
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	SEVERE

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

Visc @ 40°C	cSt	256	257	289	288
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CONTAMINATION

Water	%	---	---	---	0.134
Silicon	ppm	6	3	14	370
Sodium	ppm	0	0	<1	1
Potassium	ppm	<1	0	0	4

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	9	5	47	322
Copper	ppm	<1	<1	1	5
Lead	ppm	0	<1	0	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	<1	0	105
Chromium	ppm	0	0	<1	4
Molybdenum	ppm	14	13	6	9
Nickel	ppm	0	0	<1	1
Titanium	ppm	0	0	<1	6
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	3
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	216	194	77	288
Magnesium	ppm	56	53	26	23
Zinc	ppm	133	131	46	44
Phosphorus	ppm	1037	935	966	676
Barium	ppm	0	0	0	0
Boron	ppm	181	175	255	104

Depot: VOLVO2990
Unique No: 10563017
Signed: Don Baldrige
Report Date: 20 Jul 2023



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VOLVO GRAPHS

