



CONSTRUCTION EQUIPMENT

SWA310208 WOOD MEAD VOLVO A40G 341583 - DROP BOX



Sample No: VCP416313
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: SWA310208 WOOD MEAD



SAMPLE INFORMATION

Sample Number	VCP416313	VCP394386	VCP322020	VCP243907
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
US 48165
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OIL CONDITION

Visc @ 40°C	cSt	101	237	292	221
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CONTAMINATION

Silicon	ppm	37	17	9	12
Sodium	ppm	4	5	<1	3
Potassium	ppm	13	17	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	78	80	36	226
Copper	ppm	1	1	<1	1
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	2	0	15
Chromium	ppm	2	2	<1	3
Molybdenum	ppm	19	19	6	2
Nickel	ppm	0	<1	<1	2
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	<1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	255	296	74	121
Magnesium	ppm	39	45	24	6
Zinc	ppm	167	199	43	82
Phosphorus	ppm	1388	941	940	1046
Barium	ppm	0	1	0	0
Boron	ppm	287	140	238	123

Depot: VOLVO2990
Unique No: 10563021
Signed: Don Baldrige
Report Date: 20 Jul 2023



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GRAPHS

