



CONSTRUCTION EQUIPMENT

VOLVO A40G 342110 - DROP BOX



Sample No: VCP418937
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No:



SAMPLE INFORMATION

Sample Number	VCP418937	VCP317112	VCP279705	VCP244511
Sample Date	16 Aug 2023	26 Jul 2021	29 Jul 2020	30 Aug 2019
Machine Hours	7194	3926	2406	1019
Oil Hours	1000	3926	0	1019
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT
 5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: JIM STRIGLE
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OIL CONDITION

Visc @ 40°C	cSt	49.4	47.1	47.0	50.3
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CONTAMINATION

Silicon	ppm	15	42	49	21
Sodium	ppm	2	8	8	6
Potassium	ppm	<1	1	2	<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. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	95	191	111	35
Copper	ppm	1	4	3	1
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	<1	<1	0
Aluminum	ppm	8	12	8	4
Chromium	ppm	1	2	1	<1
Molybdenum	ppm	0	4	6	6
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	2	4	3	1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	26	40	44	30
Magnesium	ppm	5	4	5	1
Zinc	ppm	17	68	61	37
Phosphorus	ppm	3230	2263	2143	2101
Barium	ppm	0	0	<1	<1
Boron	ppm	265	173	153	178

Depot: VOLV00142
Unique No: 10615330
Signed: Sean Felton
Report Date: 23 Aug 2023



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GRAPHS

