



CONSTRUCTION EQUIPMENT

W07013547 STANLEY VOLVO A45G 342386 - DROP BOX



Sample No: VCP415403
Oil Type: MOBIL MOBILUBE HD 85W140
Job No: W07013547 STANLEY



SAMPLE INFORMATION

Sample Number	VCP415403	VCP421123	VCP354356	VCP319489
Sample Date	11 Oct 2023	17 Apr 2023	20 Jul 2022	31 Aug 2021
Machine Hours	7383	6875	5855	4127
Oil Hours	0	500	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFF
 KRATLIFF@MCCLUNG-LOGAN.COM
 T:
 F: (804)266-1611



OIL CONDITION

Visc @ 40°C	cSt	241	238	49.3	51.1
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CONTAMINATION

Silicon	ppm	10	7	10	48
Sodium	ppm	1	<1	4	9
Potassium	ppm	2	0	0	3

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	67	45	88	197
Copper	ppm	<1	0	1	3
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	9	8	10	10
Chromium	ppm	1	<1	1	2
Molybdenum	ppm	3	3	3	4
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	1	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	20	40	22	24
Magnesium	ppm	0	<1	2	2
Zinc	ppm	1	0	26	84
Phosphorus	ppm	1437	982	2382	2167
Barium	ppm	0	0	0	0
Boron	ppm	202	178	233	144

Depot: VOLVO8882
Unique No: 10698004
Signed: Sean Felton
Report Date: 18 Oct 2023



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GRAPHS

