



CONSTRUCTION EQUIPMENT

13764 STANLEY VOLVO A45G 342403 - DROP BOX



Sample No: VCP407648
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 13764 STANLEY



SAMPLE INFORMATION

Sample Number	VCP407648	VCP367960	VCP399860	VCP389105
Sample Date	29 Nov 2023	11 Jul 2023	27 Mar 2023	27 Oct 2022
Machine Hours	7608	6966	0	5504
Oil Hours	700	500	0	500
Oil Changed	Changed	N/A	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	SEVERE

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



OIL CONDITION

Visc @ 40°C	cSt	54.5	50.2	52.0	52.8
-------------	-----	-------------	------	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	11	24	52
Sodium	ppm	2	3	3	6
Potassium	ppm	2	3	<1	16

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	79	180	242	1319
Copper	ppm	4	2	<1	5
Lead	ppm	0	<1	0	<1
Tin	ppm	<1	<1	0	0
Aluminum	ppm	1	2	8	20
Chromium	ppm	1	2	3	13
Molybdenum	ppm	3	4	8	25
Nickel	ppm	<1	<1	0	1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	1	2	3	13
Vanadium	ppm	<1	0	0	<1



ADDITIVES

Calcium	ppm	7	10	23	95
Magnesium	ppm	0	0	8	19
Zinc	ppm	8	18	16	157
Phosphorus	ppm	2220	2441	2210	2369
Barium	ppm	0	0	0	6
Boron	ppm	199	159	265	163

Depot: VOLVO8882
Unique No: 10769942
Signed: Sean Felton
Report Date: 07 Dec 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

