



CONSTRUCTION EQUIPMENT

W07013972-1 STANLEY VOLVO A45G 342201 - DROP BOX



Sample No: VCP412271
Oil Type: GEAR OIL SAE 75W80
Job No: W07013972-1 STANLEY



SAMPLE INFORMATION

Sample Number	VCP412271	VCP434796	VCP399444	VCP344962
Sample Date	20 Dec 2023	24 Aug 2023	03 May 2023	20 Jun 2022
Machine Hours	9554	9033	8572	6812
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	Not Changd
Sample Status	NORMAL	ATTENTION	ABNORMAL	NORMAL

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
1345 MOUNTAIN ROAD
GLEN ALLEN, VA
US 23060
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OIL CONDITION

Visc @ 40°C	cSt	61.8	254.6	51.8	51.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	7	20	15
Sodium	ppm	<1	2	6	5
Potassium	ppm	0	<1	3	<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	35	122	768	319
Copper	ppm	0	<1	4	3
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	4	6	6
Chromium	ppm	<1	1	9	4
Molybdenum	ppm	0	4	26	16
Nickel	ppm	<1	0	4	2
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	11	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	11	15	30	16
Magnesium	ppm	6	1	4	2
Zinc	ppm	58	55	231	194
Phosphorus	ppm	1986	1228	2257	2303
Barium	ppm	0	0	0	0
Boron	ppm	89	149	169	151

Depot: VOLVO8882
Unique No: 10805843
Signed: Sean Felton
Report Date: 28 Dec 2023



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VOLVO GRAPHS

