



CONSTRUCTION EQUIPMENT

W07013955-1 STANLEY VOLVO A35G 342021 - FRONT AXLE



Sample No: VCP413923
Oil Type: GEAR OIL SAE 75W80
Job No: W07013955-1 STANLEY



SAMPLE INFORMATION

Sample Number	VCP413923	VCP338697	VCP226289	---
Sample Date	19 Dec 2023	16 Dec 2021	20 Dec 2018	---
Machine Hours	8036	5136	979	---
Oil Hours	0	5136	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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	50.6	86.0	52.37	---
-------------	-----	-------------	------	-------	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	1	2	4	---
Sodium	ppm	2	1	4	---
Potassium	ppm	0	0	2	---

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	57	77	353	---
Copper	ppm	2	1	4	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	4	<1	---
Chromium	ppm	<1	1	6	---
Molybdenum	ppm	<1	2	4	---
Nickel	ppm	0	0	1	---
Titanium	ppm	0	1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	2	18	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	68	93	12	---
Magnesium	ppm	5	22	1	---
Zinc	ppm	46	60	11	---
Phosphorus	ppm	2481	979	2202	---
Barium	ppm	0	0	0	---
Boron	ppm	244	108	245	---

Depot: VOLVO8882
Unique No: 10804160
Signed: Jonathan Hester
Report Date: 27 Dec 2023

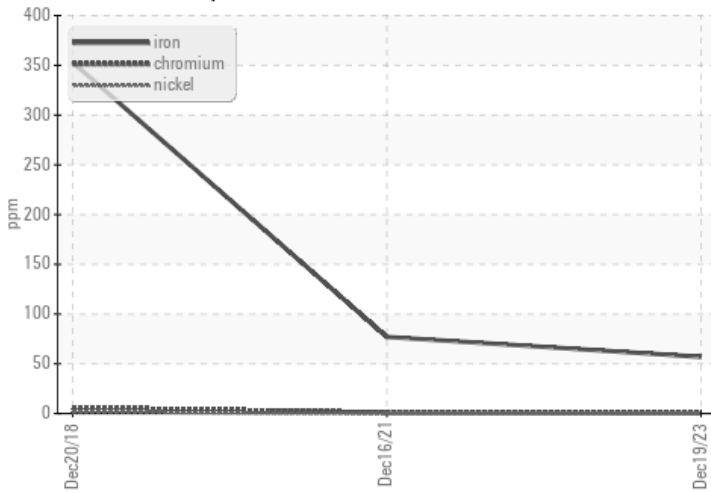


CONSTRUCTION EQUIPMENT

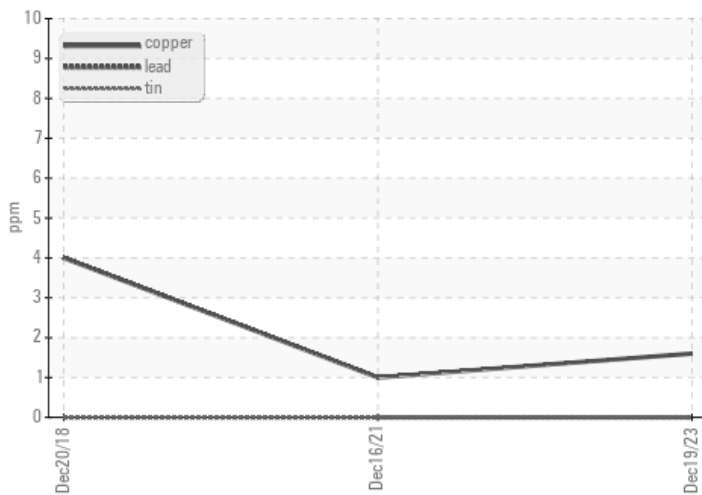


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

