



CONSTRUCTION EQUIPMENT

W07013955-1 STANLEY VOLVO A35G 342021 - BOGIE/CENTER AXLE



Sample No: VCP413915
Oil Type: GEAR OIL SAE 75W80
Job No: W07013955-1 STANLEY



SAMPLE INFORMATION

Sample Number	VCP413915	VCP338714	VCP226285	---
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	ABNORMAL	---

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

Visc @ 40°C	cSt	49.5	86.4	53.1	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	1	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	71	94	455	---
Copper	ppm	4	2	5	---
Lead	ppm	0	0	1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	3	1	---
Chromium	ppm	<1	1	6	---
Molybdenum	ppm	0	3	3	---
Nickel	ppm	0	0	2	---
Titanium	ppm	0	1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	2	18	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

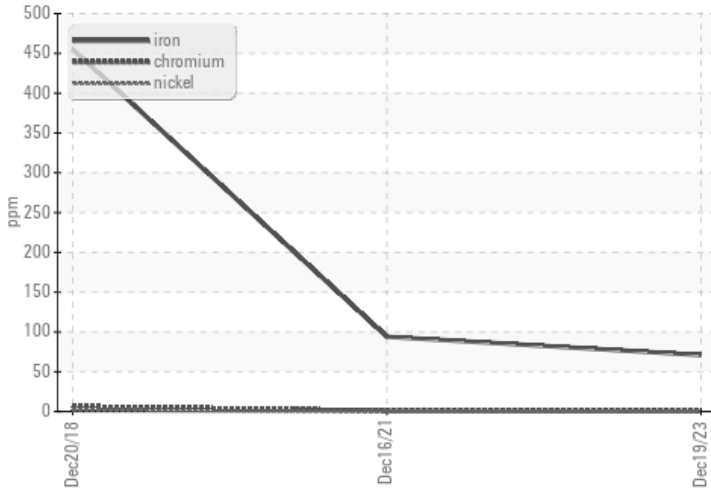
Calcium	ppm	86	99	28	---
Magnesium	ppm	2	23	2	---
Zinc	ppm	48	62	16	---
Phosphorus	ppm	2502	984	2196	---
Barium	ppm	0	0	0	---
Boron	ppm	251	109	229	---

Depot: VOLVO8882
Unique No: 10804162
Signed: Jonathan Hester
Report Date: 27 Dec 2023

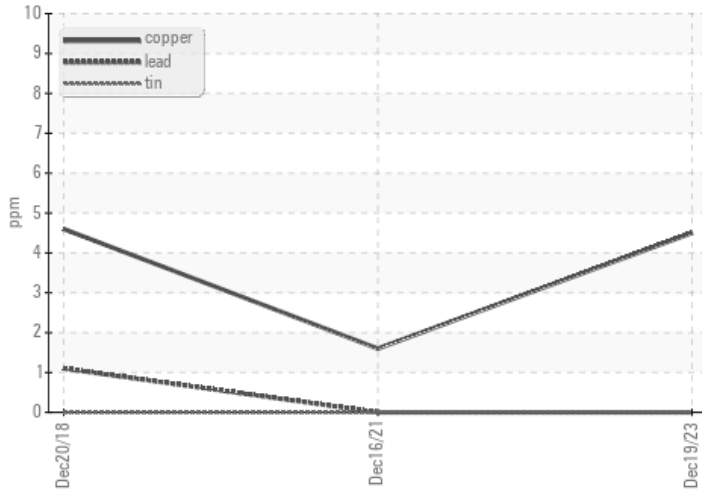


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

