



CONSTRUCTION EQUIPMENT

W07013955-1 STANLEY VOLVO A35G 342021 - WET DISC BRAKE



Sample No: VCP413922
Oil Type: VOLVO WB 102
Job No: W07013955-1 STANLEY



SAMPLE INFORMATION

Sample Number	VCP413922	VCP338696	VCP287636	---
Sample Date	19 Dec 2023	16 Dec 2021	03 Sep 2020	---
Machine Hours	8036	5136	3965	---
Oil Hours	0	5136	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	---

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	41.0	40.8	41.1	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	13	16	22	---
Sodium	ppm	4	4	4	---
Potassium	ppm	0	0	5	---

Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is a moderate amount of visible silt present in the sample. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	24	30	46	---
Copper	ppm	218	350	345	---
Lead	ppm	3	7	1	---
Tin	ppm	0	1	0	---
Aluminum	ppm	1	2	1	---
Chromium	ppm	<1	<1	1	---
Molybdenum	ppm	0	1	0	---
Nickel	ppm	3	3	7	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	1	2	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	3192	3356	3953	---
Magnesium	ppm	11	8	7	---
Zinc	ppm	1416	1339	1596	---
Phosphorus	ppm	1324	1223	1377	---
Barium	ppm	0	0	0	---
Boron	ppm	109	108	112	---

Depot: VOLVO8882
Unique No: 10804161
Signed: Jonathan Hester
Report Date: 27 Dec 2023

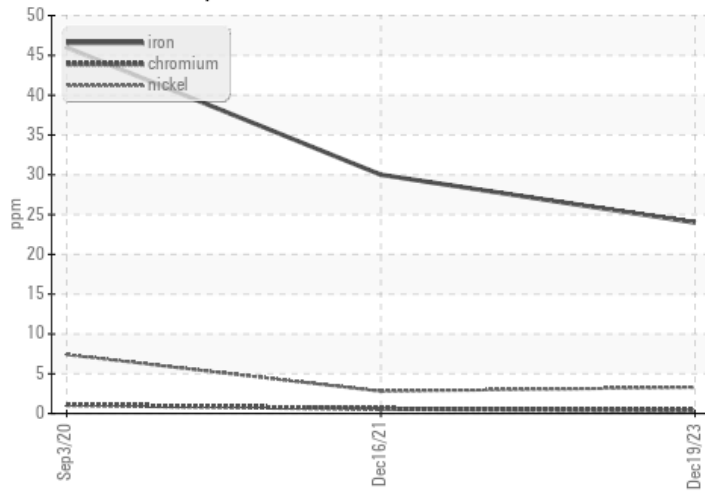


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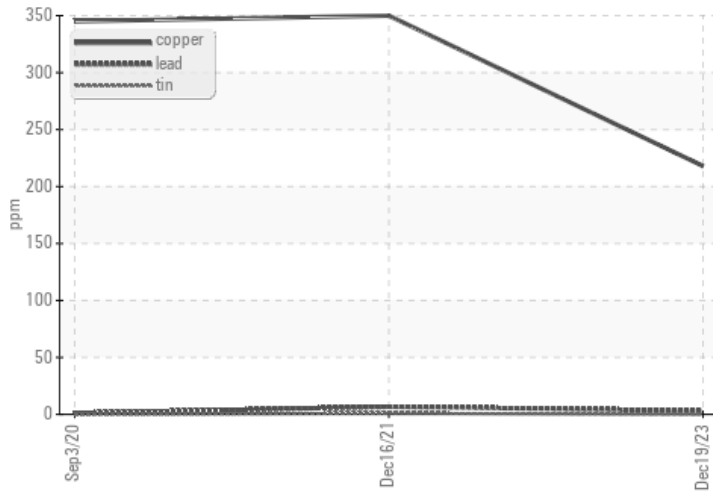


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

