



CONSTRUCTION EQUIPMENT

GORMAN BROS VOLVO L350H 1180 - HYDRAULIC SYSTEM



Sample No: VCP380040

Oil Type: AW HYDRAULIC OIL ISO 46

Job No:



SAMPLE INFORMATION

Sample Number	VCP380040	VCP380044	---	---
Sample Date	02 Dec 2023	02 Dec 2023	---	---
Machine Hours	2518	2518	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



STRONGCO EQUIP (AB)

6 - 38403 BURNT LAKE TRAIL

RED DEER COUNTY, AB

CA T4S 2L4

Contact: Perry Doyle

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OIL CONDITION

Visc @ 40°C	cSt	43.2	▲ 95.0	---	---
Visc @ 100°C	cSt	---	▲ 12.9	---	---
Viscosity Index (VI)	Scale	---	132	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 46. Please confirm.

All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		480	---	---	---
Particles >6µm		44	---	---	---
Particles >14µm		5	---	---	---
ISO 4406:1999 (c)		16/13/10	---	---	---
Silicon	ppm	2	6	---	---
Sodium	ppm	1	2	---	---
Potassium	ppm	0	<1	---	---



WEAR METALS

Iron	ppm	5	8	---	---
Copper	ppm	1	5	---	---
Lead	ppm	1	2	---	---
Tin	ppm	0	1	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	0	44	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	59	1673	---	---
Magnesium	ppm	<1	497	---	---
Zinc	ppm	434	1098	---	---
Phosphorus	ppm	337	916	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	<1	50	---	---

Depot: VOLVO9652

Unique No: 5695950

Signed: Wes Davis

Report Date: 14 Dec 2023

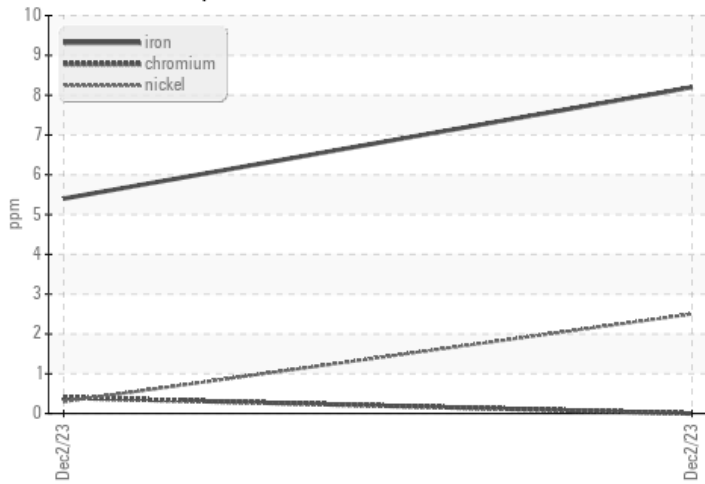


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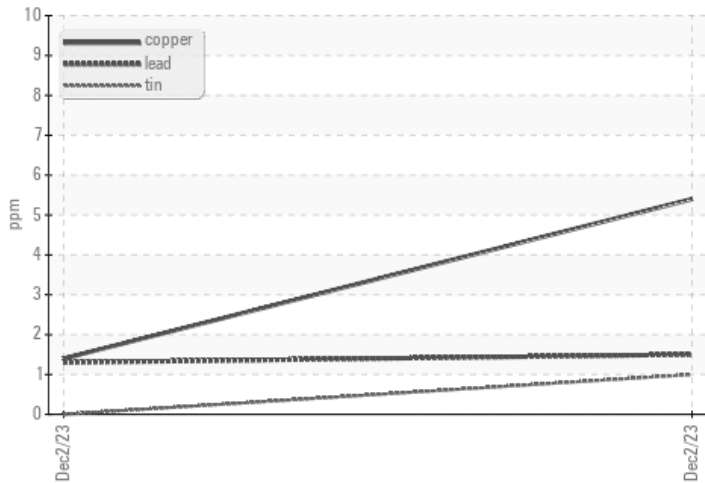


GRAPHS

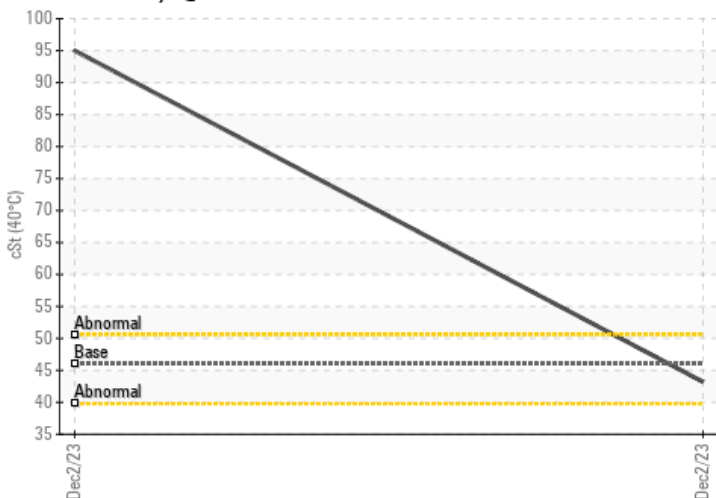
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

