



CONSTRUCTION EQUIPMENT

8000395885 NEW HOLLAND L230 432337 - HYDRAULIC SYSTEM



Sample No: VCP430120
Oil Type: NEW HOLLAND AW 46
Job No: 8000395885



SAMPLE INFORMATION

Sample Number	VCP430120	---	---	---
Sample Date	22 Feb 2024	---	---	---
Machine Hours	6015	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

STRONGCO EQUIP (AB)

6 - 38403 BURNT LAKE TRAIL
RED DEER COUNTY, AB
CA T4S 2L4
Contact: Perry Doyle
pdoyle@strongco.com
T: (403)391-3520
F: (403)346-3487



OIL CONDITION

Visc @ 40°C	cSt	█ 43.4	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 54709	---	---	---
Particles >6µm		▲ 1371	---	---	---
Particles >14µm		█ 55	---	---	---
ISO 4406:1999 (c)		23/18/13	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. The filter change at the time of sampling has been noted. Resample in 30-45 days to monitor this situation. All component wear rates are normal. There is a high amount of silt (particulates < 14 microns in size) present in the oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



WEAR METALS

Iron	ppm	█ 17	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 16	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 579	---	---	---
Magnesium	ppm	█ 144	---	---	---
Zinc	ppm	█ 657	---	---	---
Phosphorus	ppm	█ 558	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 34	---	---	---

Depot: VOLVO9652
Unique No: 5735525
Signed: Wes Davis
Report Date: 28 Feb 2024

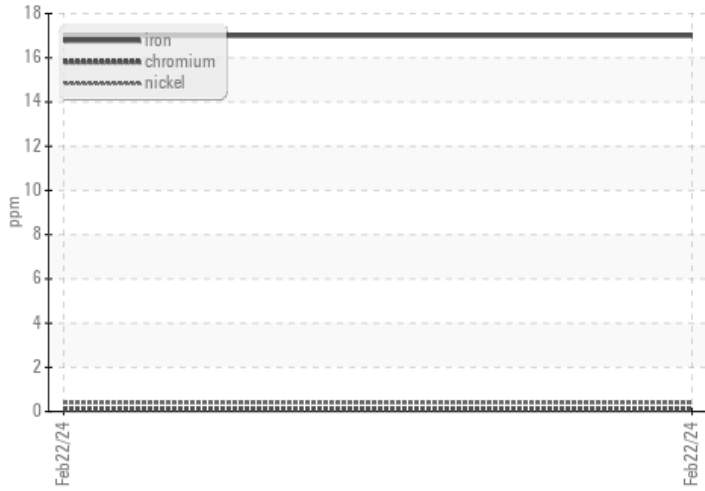


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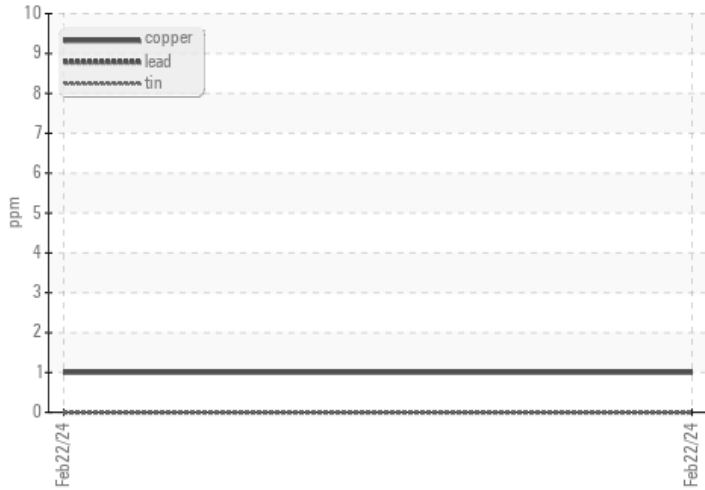


VOLVO GRAPHS

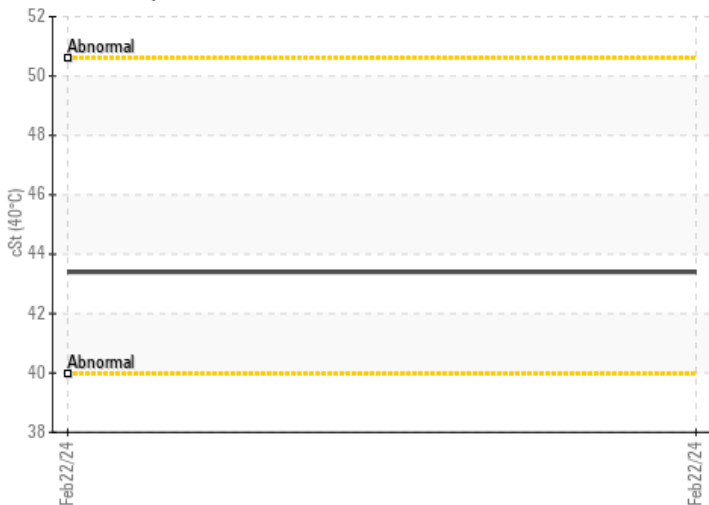
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

