



CONSTRUCTION EQUIPMENT

SWA508794 LIBERTY ST GENIE Z 30/20 Z3ON06-8377 - HYDRAULIC SYSTEM



Sample No: VCP438113
Oil Type: CHEVRON RANDO HD 32
Job No: SWA508794 LIBERTY ST



SAMPLE INFORMATION

Sample Number	VCP438113	---	---	---
Sample Date	03 Apr 2024	---	---	---
Machine Hours	500	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE
BLOOMINGTON, IL
US 61705

Contact: JUSTIN PERRY
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T: (309)533-9285
F:



OIL CONDITION

Visc @ 40°C	cSt	■ 33.5	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.62	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		■ 31483	---	---	---
Particles >6µm		● 10999	---	---	---
Particles >14µm		■ 1400	---	---	---
ISO 4406:1999 (c)		22/21/18	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	■ 2	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 73	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 446	---	---	---
Phosphorus	ppm	■ 472	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 0	---	---	---

Depot: VOLVO5054
Unique No: 10980331
Signed: Wes Davis
Report Date: 17 Apr 2024

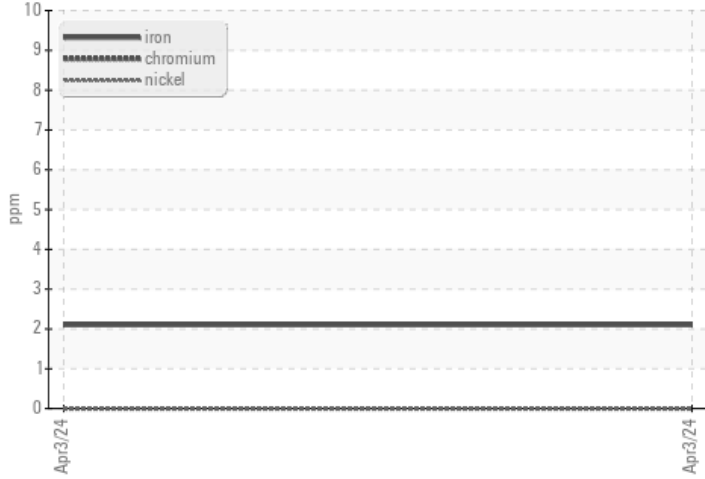


CONSTRUCTION EQUIPMENT

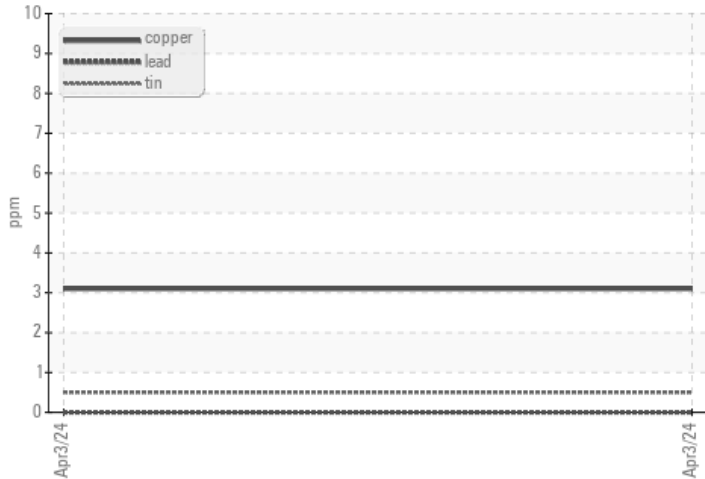


VOLVO GRAPHS

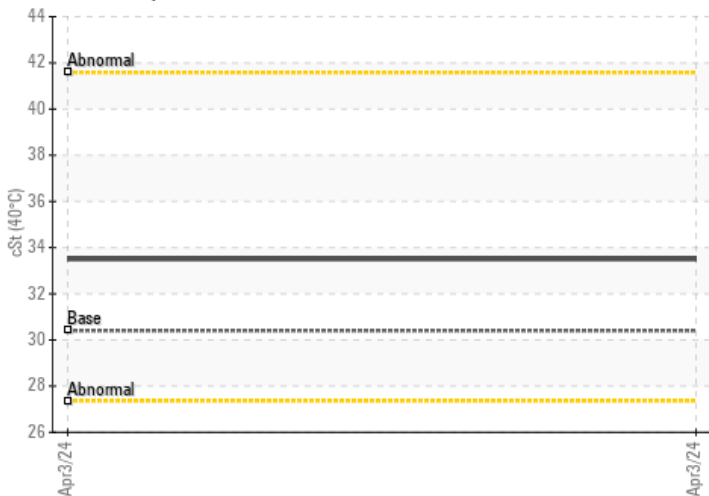
Ferrous Alloys



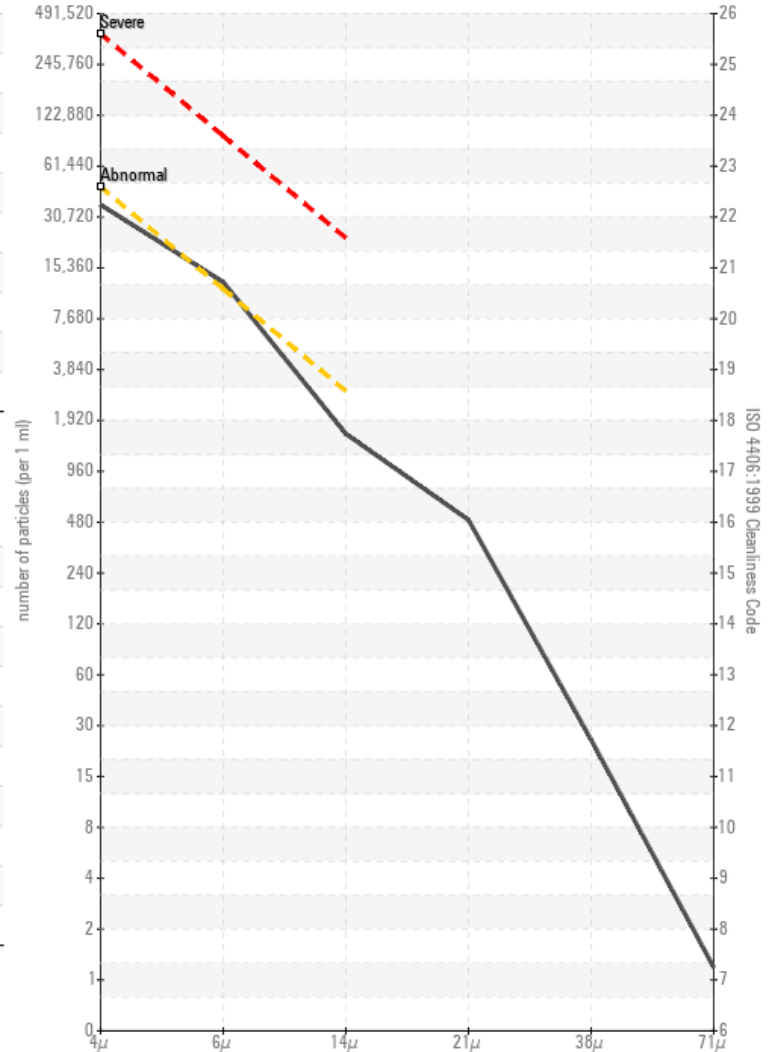
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

