



CONSTRUCTION EQUIPMENT

512290-10 LIBERTY ST GENIE S-65 S60H-37857 - HYDRAULIC SYSTEM



Sample No: VCP438106
Oil Type: CHEVRON RANDO HD 32
Job No: 512290-10 LIBERTY ST



SAMPLE INFORMATION

Sample Number	VCP438106	---	---	---
Sample Date	03 Apr 2024	---	---	---
Machine Hours	2130	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE
BLOOMINGTON, IL
US 61705

Contact: JUSTIN PERRY
justin.perry@altg.com

T: (309)533-9285
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 35.3	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.47	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 6705	---	---	---
Particles >6µm		● 1501	---	---	---
Particles >14µm		█ 116	---	---	---
ISO 4406:1999 (c)		20/18/14	---	---	---
Silicon	ppm	█ <1	---	---	---
Sodium	ppm	█ 0	---	---	---
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	█ 0	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	250	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 537	---	---	---
Phosphorus	ppm	█ 513	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 3	---	---	---

Depot: VOLVO5054
Unique No: 10978671
Signed: Wes Davis
Report Date: 16 Apr 2024

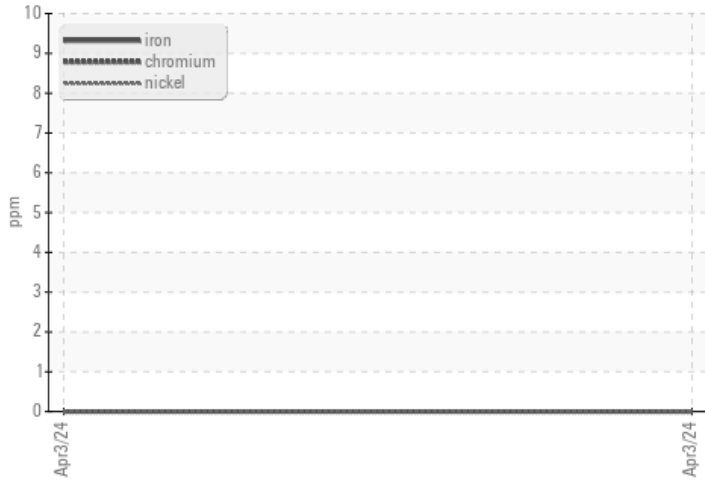


CONSTRUCTION EQUIPMENT

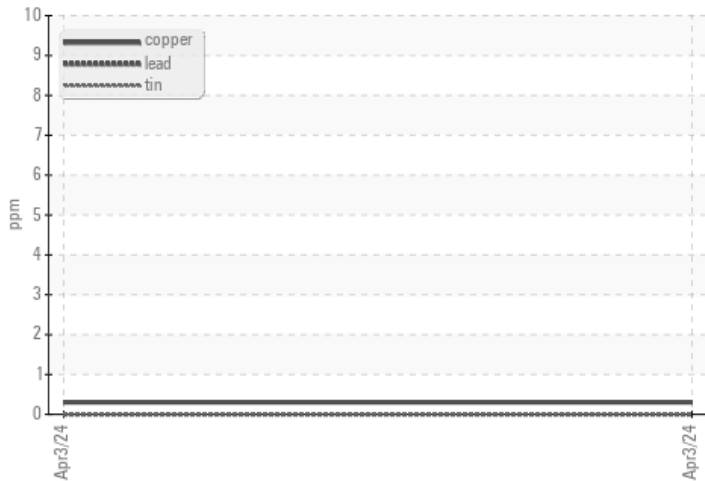


GRAPHS

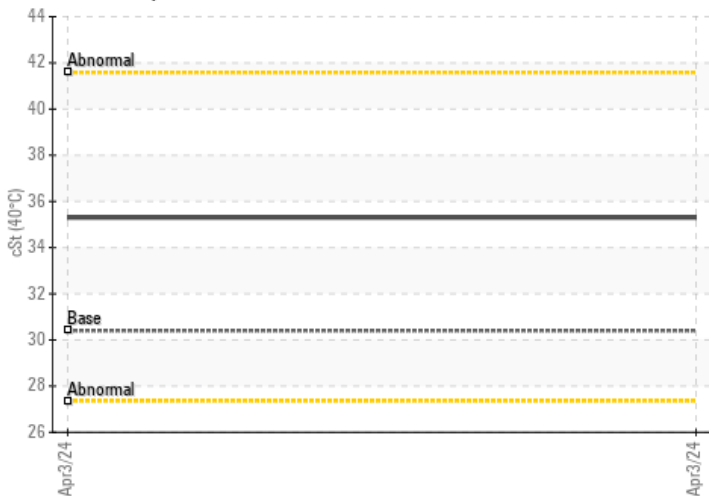
Ferrous Alloys



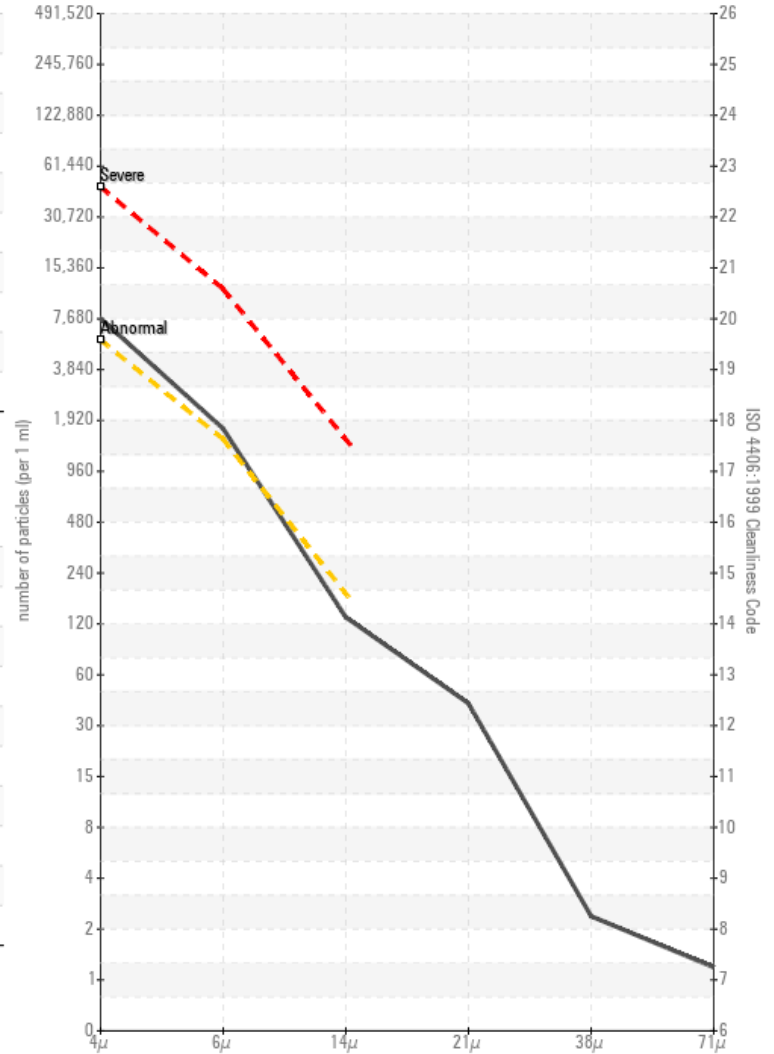
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

