



CONSTRUCTION EQUIPMENT

SWA372349-20 GENIE Z80/60 Z80H-6413 - HYDRAULIC SYSTEM



Sample No: VCP433295
Oil Type: NOT GIVEN
Job No: SWA372349-20



SAMPLE INFORMATION

Sample Number	VCP433295	---	---	---
Sample Date	28 Sep 2023	---	---	---
Machine Hours	337	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	■ 32.1	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.50	---	---	---



CONTAMINATION

Particles >4µm		■ 1189	---	---	---
Particles >6µm		■ 281	---	---	---
Particles >14µm		■ 36	---	---	---
ISO 4406:1999 (c)		17/15/12	---	---	---
Silicon	ppm	■ <1	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	■ <1	---	---	---
Copper	ppm	■ 6	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	38	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	470	---	---	---
Phosphorus	ppm	476	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO2990
Unique No: 10672761
Signed: Don Baldrige
Report Date: 03 Oct 2023

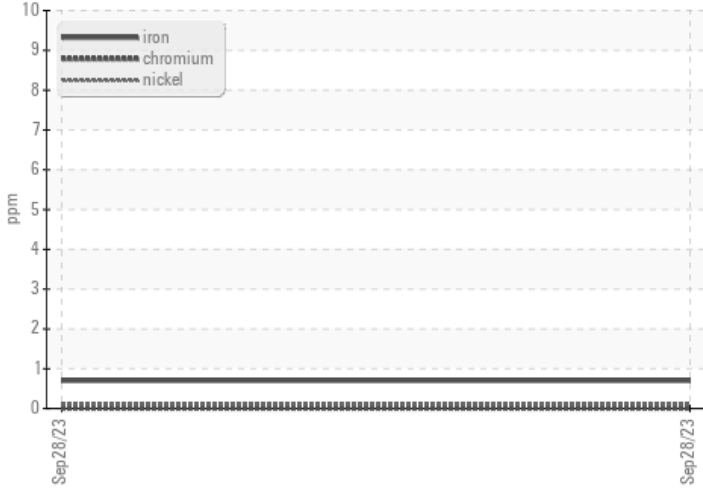


CONSTRUCTION EQUIPMENT

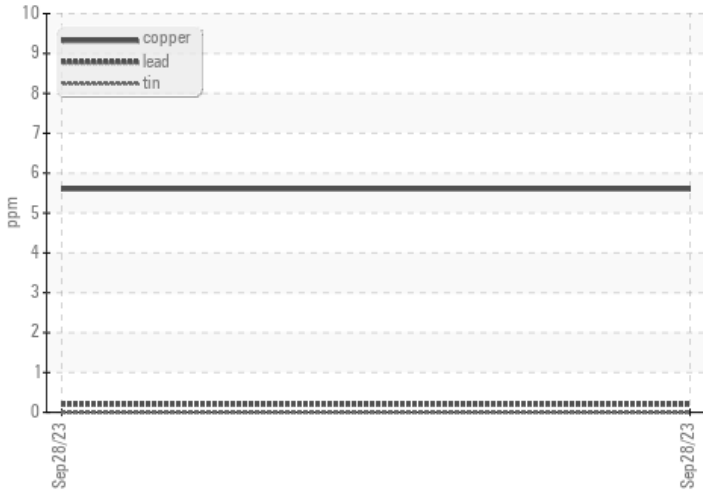


VOLVO GRAPHS

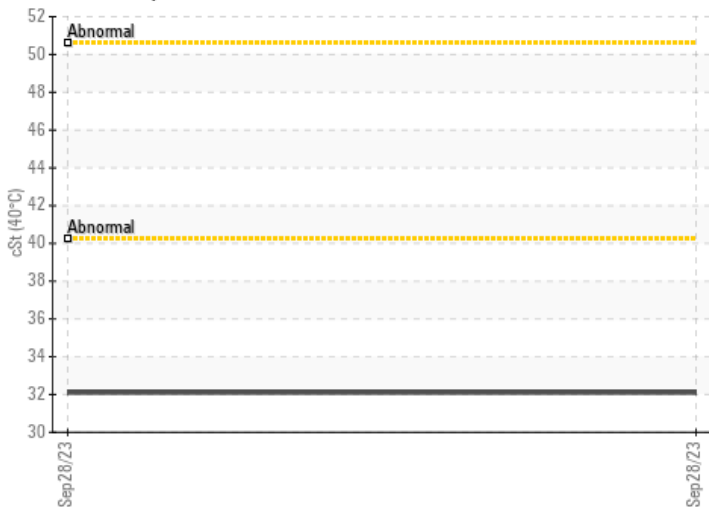
Ferrous Alloys



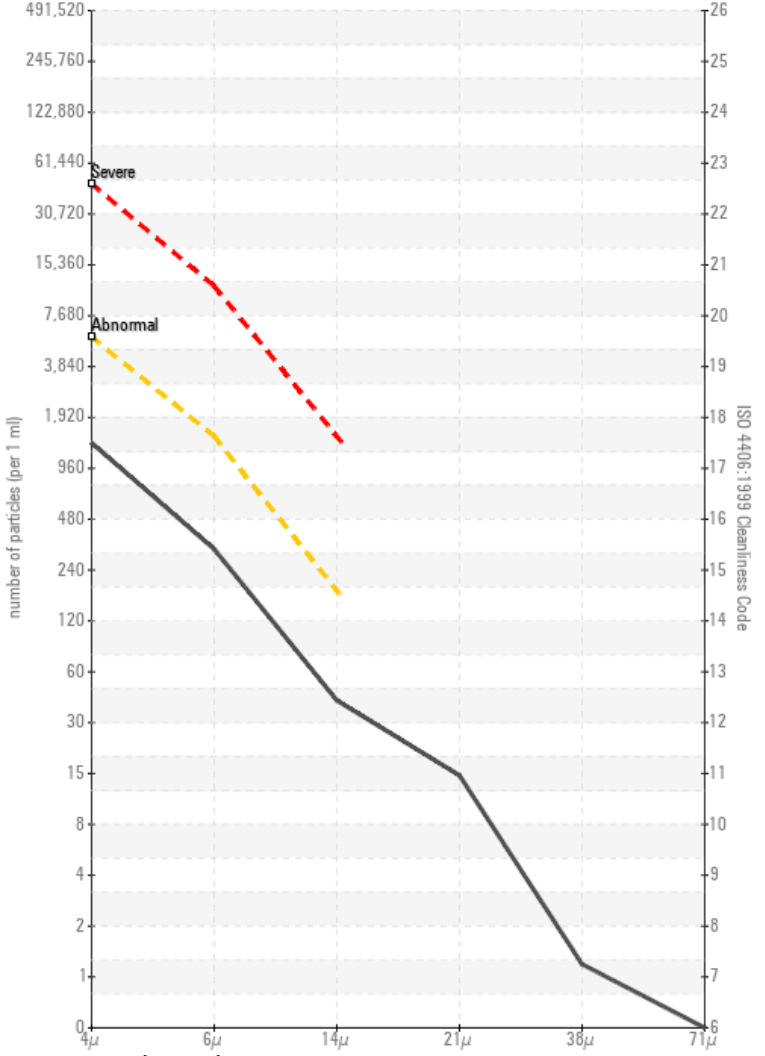
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

