



CONSTRUCTION EQUIPMENT

322281 TAKEUCHI TL8 200808345 - HYDRAULIC SYSTEM



Sample No: VCP383206
Oil Type: NOT GIVEN
Job No: 322281



SAMPLE INFORMATION

Sample Number	VCP383206	---	---	---
Sample Date	28 Jul 2023	---	---	---
Machine Hours	841	---	---	---
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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OIL CONDITION

Visc @ 40°C	cSt	█ 46.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.74	---	---	---



CONTAMINATION

Particles >4µm		█ 3509	---	---	---
Particles >6µm		█ 556	---	---	---
Particles >14µm		█ 43	---	---	---
ISO 4406:1999 (c)		19/16/13	---	---	---
Silicon	ppm	█ 11	---	---	---
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	█ 5	---	---	---
Copper	ppm	█ 33	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	18	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3679	---	---	---
Magnesium	ppm	28	---	---	---
Zinc	ppm	695	---	---	---
Phosphorus	ppm	563	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	18	---	---	---

Depot: VOLVO2990
Unique No: 10578990
Signed: Wes Davis
Report Date: 02 Aug 2023

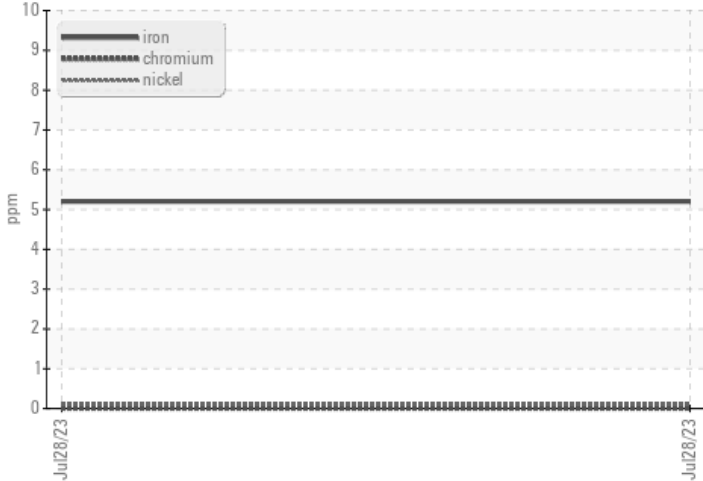


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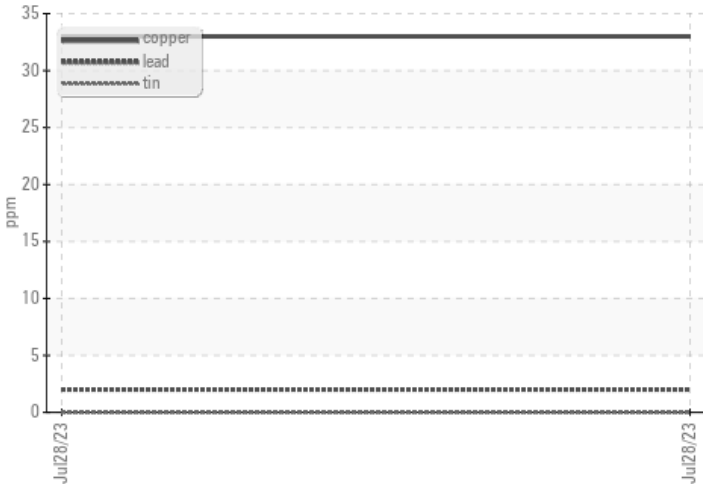


VOLVO GRAPHS

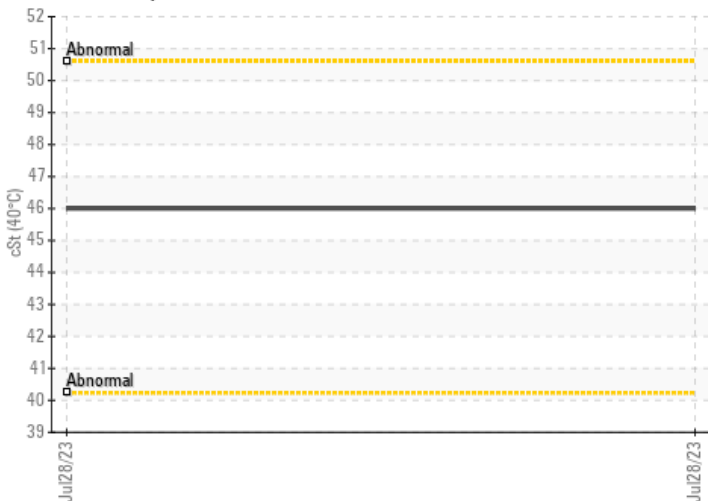
Ferrous Alloys



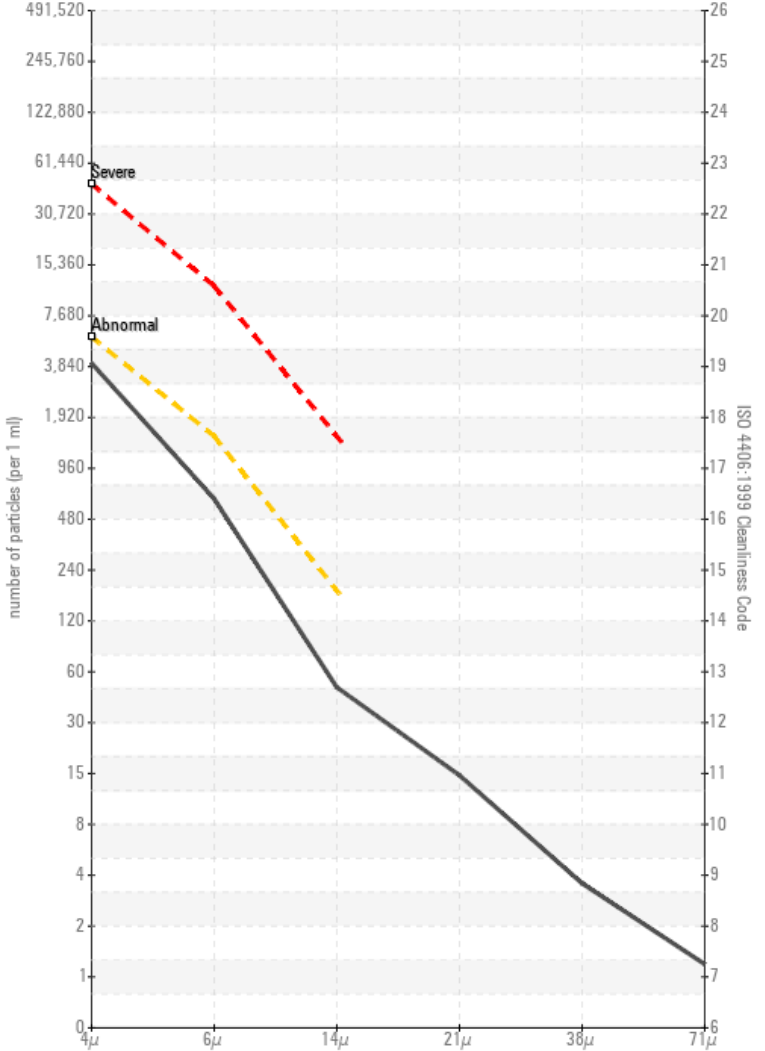
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

