



CONSTRUCTION EQUIPMENT

301300-20 JHS BUILD TAKEUCHI TB235 123600202 - HYDRAULIC SYSTEM



Sample No: VCP415846
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 301300-20 JHS BUILD



SAMPLE INFORMATION

Sample Number	VCP415846	---	---	---
Sample Date	25 Jul 2023	---	---	---
Machine Hours	2419	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 42.7	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.34	---	---	---



CONTAMINATION

Particles >4µm		█ 828	---	---	---
Particles >6µm		█ 217	---	---	---
Particles >14µm		█ 28	---	---	---
ISO 4406:1999 (c)		17/15/12	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 46. Please confirm.
 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	█ 8	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 32	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 278	---	---	---
Phosphorus	ppm	█ 344	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO0090
Unique No: 10577661
Signed: Wes Davis
Report Date: 01 Aug 2023

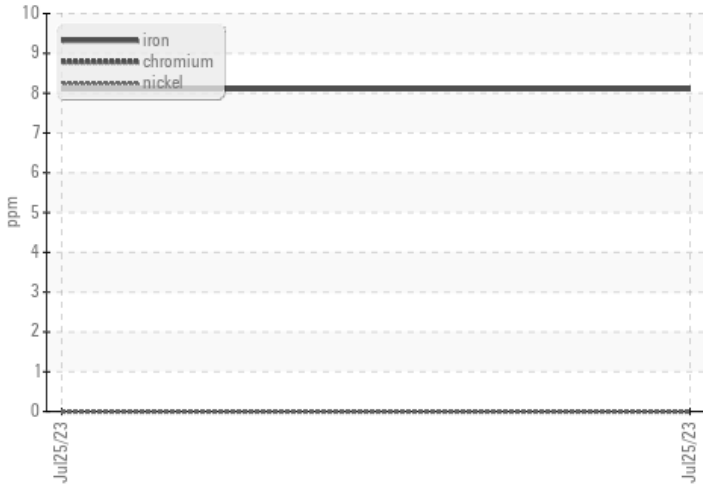


CONSTRUCTION EQUIPMENT

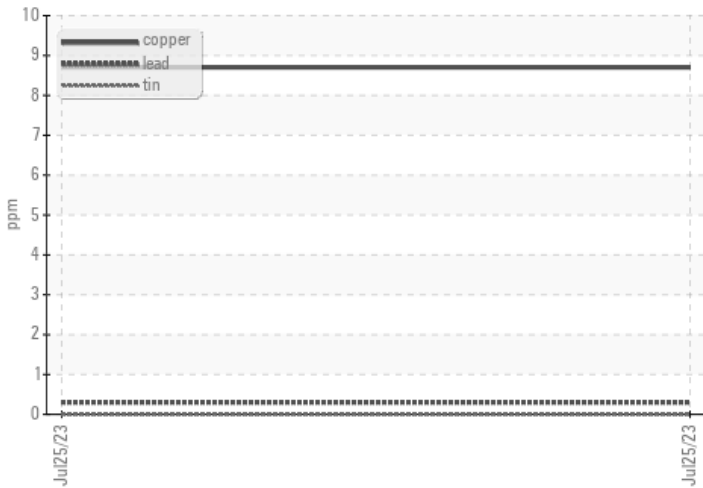


VOLVO GRAPHS

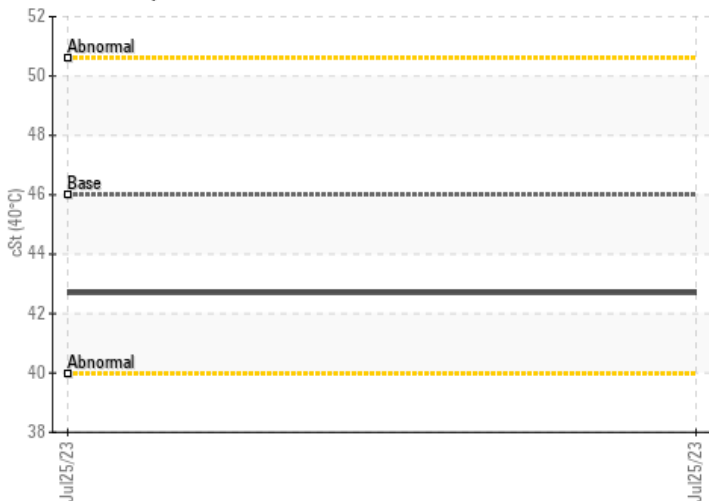
Ferrous Alloys



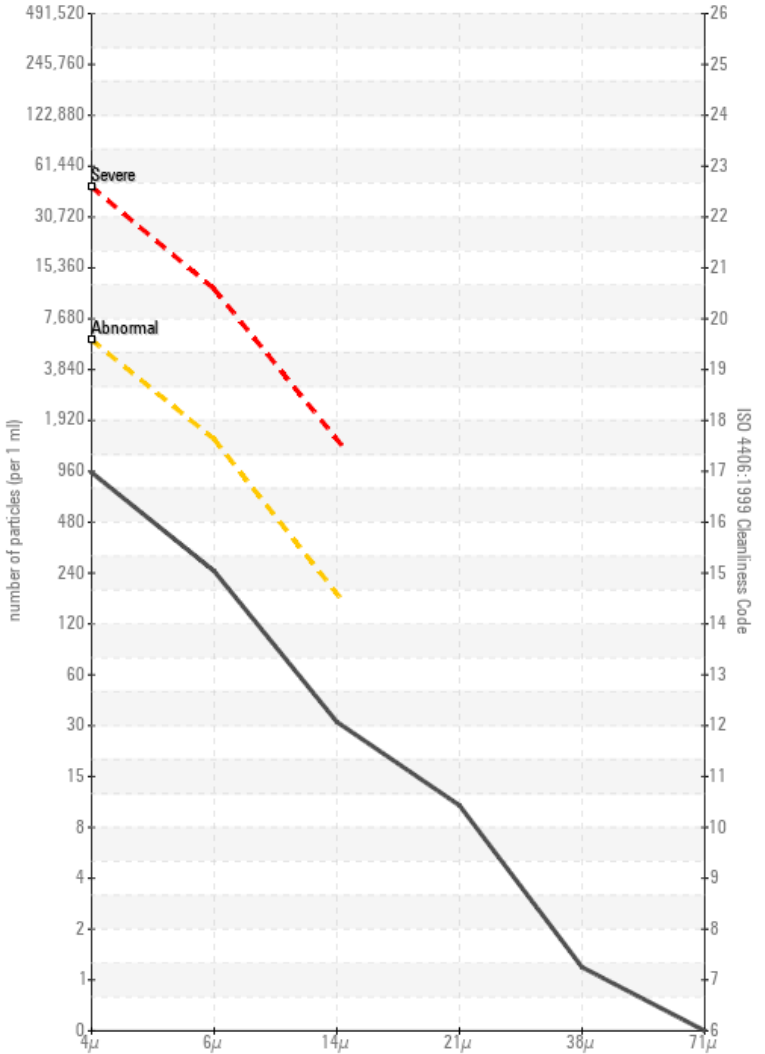
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

