



CONSTRUCTION EQUIPMENT

VOLVO A45G 352371 - HYDRAULIC SYSTEM



Sample No: VCP436578

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP436578	VCP349914	---	---
Sample Date	10 Jul 2024	03 Feb 2022	---	---
Machine Hours	5560	2372	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	43.0	44.7	---	---
Acid Number (AN)	mg KOH/g	0.43	1.20	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		2710	35104	---	---
Particles >6µm		401	8111	---	---
Particles >14µm		16	394	---	---
ISO 4406:1999 (c)		19/16/11	22/20/16	---	---
Silicon	ppm	14	8	---	---
Sodium	ppm	2	3	---	---
Potassium	ppm	2	0	---	---

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	9	5	---	---
Copper	ppm	3	1	---	---
Lead	ppm	4	2	---	---
Tin	ppm	<1	1	---	---
Aluminum	ppm	4	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	856	1059	---	---
Magnesium	ppm	9	9	---	---
Zinc	ppm	662	717	---	---
Phosphorus	ppm	501	596	---	---
Barium	ppm	0	0	---	---
Boron	ppm	25	28	---	---

Depot: VOLVO0090
Unique No: 11124687
Signed: Wes Davis
Report Date: 16 Jul 2024

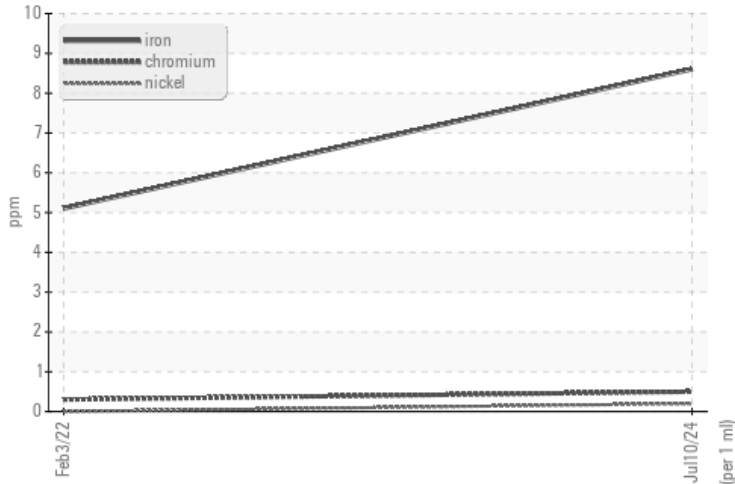


CONSTRUCTION EQUIPMENT

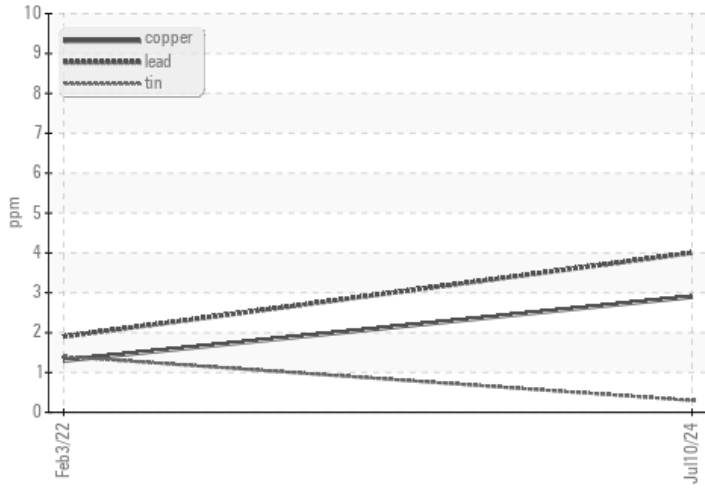


GRAPHS

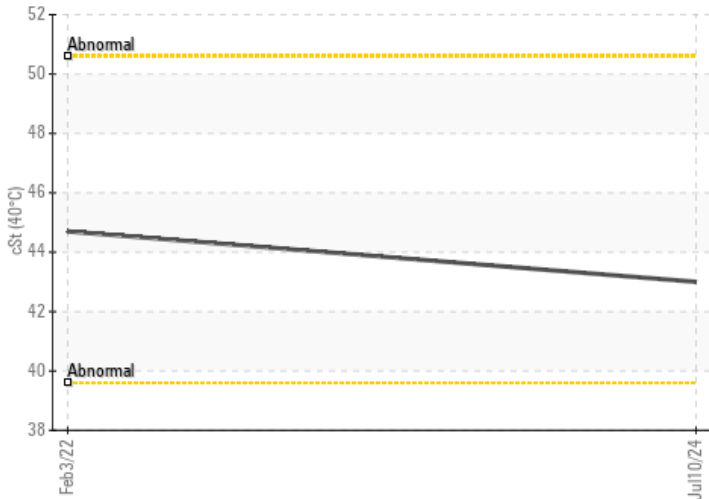
Ferrous Alloys



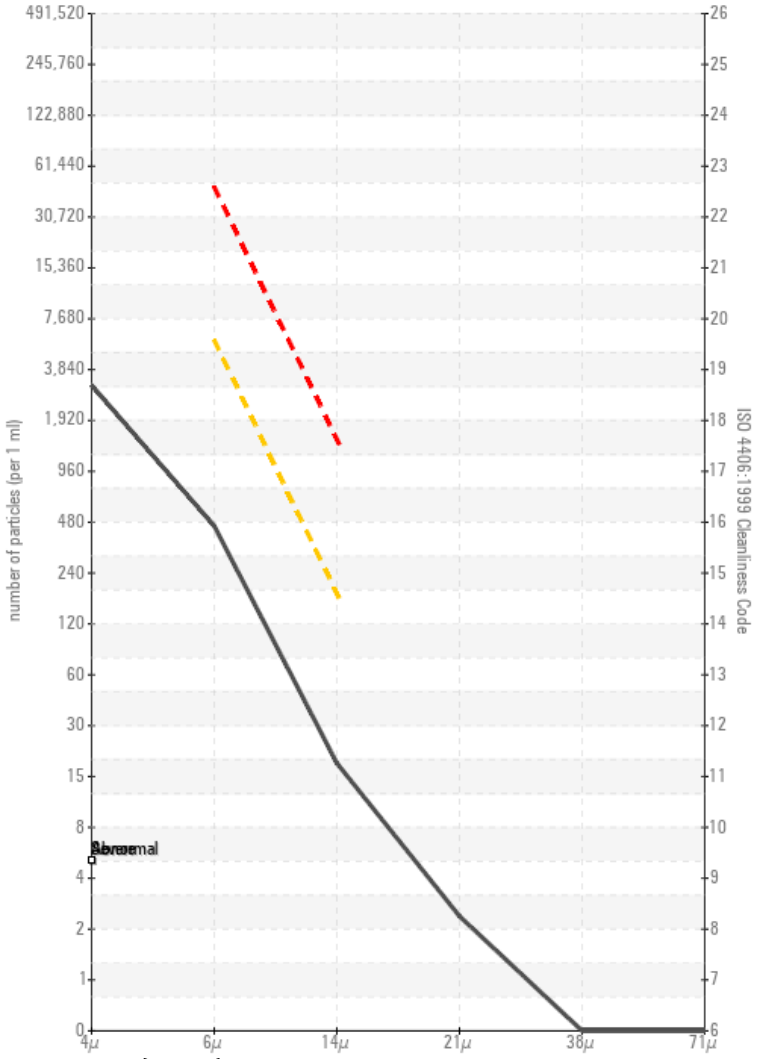
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

