



CONSTRUCTION EQUIPMENT

US SUGAR VOLVO A25G 752532 - HYDRAULIC SYSTEM



Sample No: VCP397658
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: US SUGAR



SAMPLE INFORMATION

Sample Number	VCP397658	VCP395086	---	---
Sample Date	08 Nov 2023	20 Sep 2023	---	---
Machine Hours	3276	3028	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	N/A	---	---
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	42.9	44.5	---	---
Acid Number (AN)	mg KOH/g	0.25	0.37	---	---



CONTAMINATION

Water	%	<0.1	<0.1	---	---
Particles >4µm		1542	113995	---	---
Particles >6µm		374	32998	---	---
Particles >14µm		20	195	---	---
ISO 4406:1999 (c)		18/16/11	24/22/15	---	---
Silicon	ppm	<1	4	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	0	1	---	---

Diagnosis

Resample at the next service interval to monitor. 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	0	4	---	---
Copper	ppm	<1	4	---	---
Lead	ppm	0	2	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	45	113	---	---
Magnesium	ppm	0	4	---	---
Zinc	ppm	398	512	---	---
Phosphorus	ppm	298	389	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

Depot: VOLVO0090
Unique No: 10750587
Signed: Wes Davis
Report Date: 20 Nov 2023

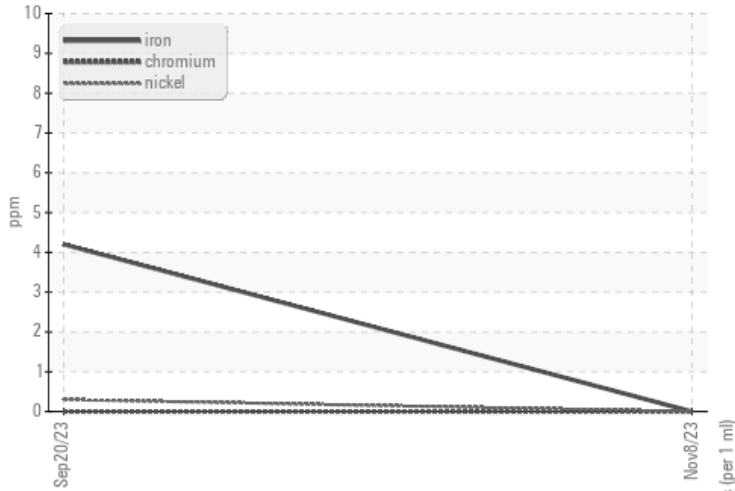


CONSTRUCTION EQUIPMENT

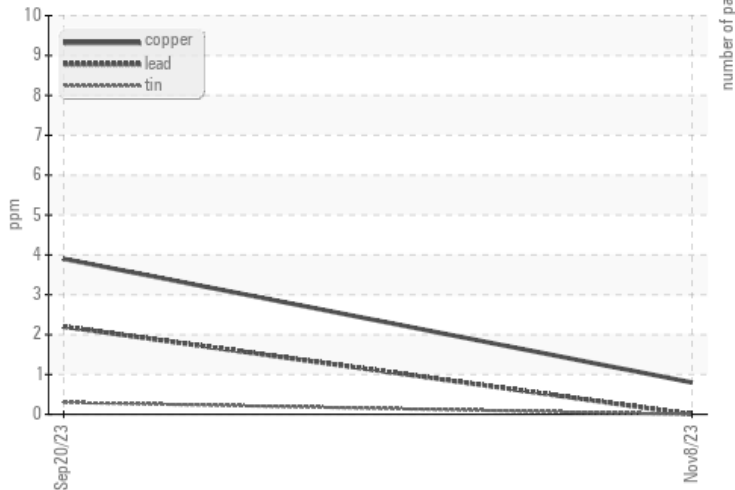


GRAPHS

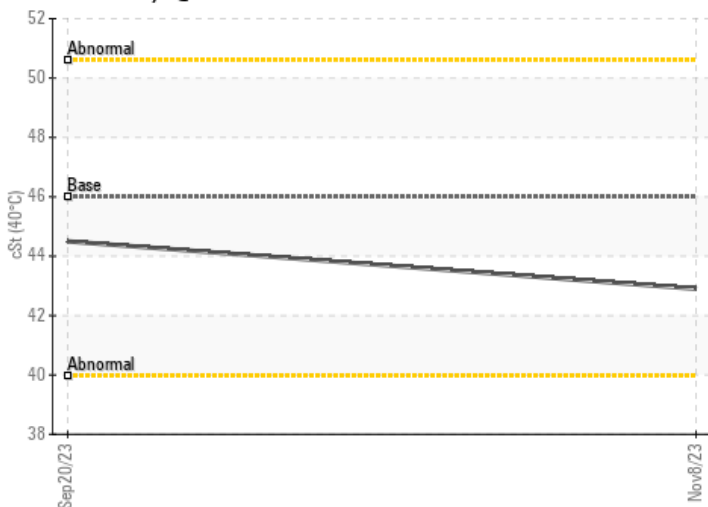
Ferrous Alloys



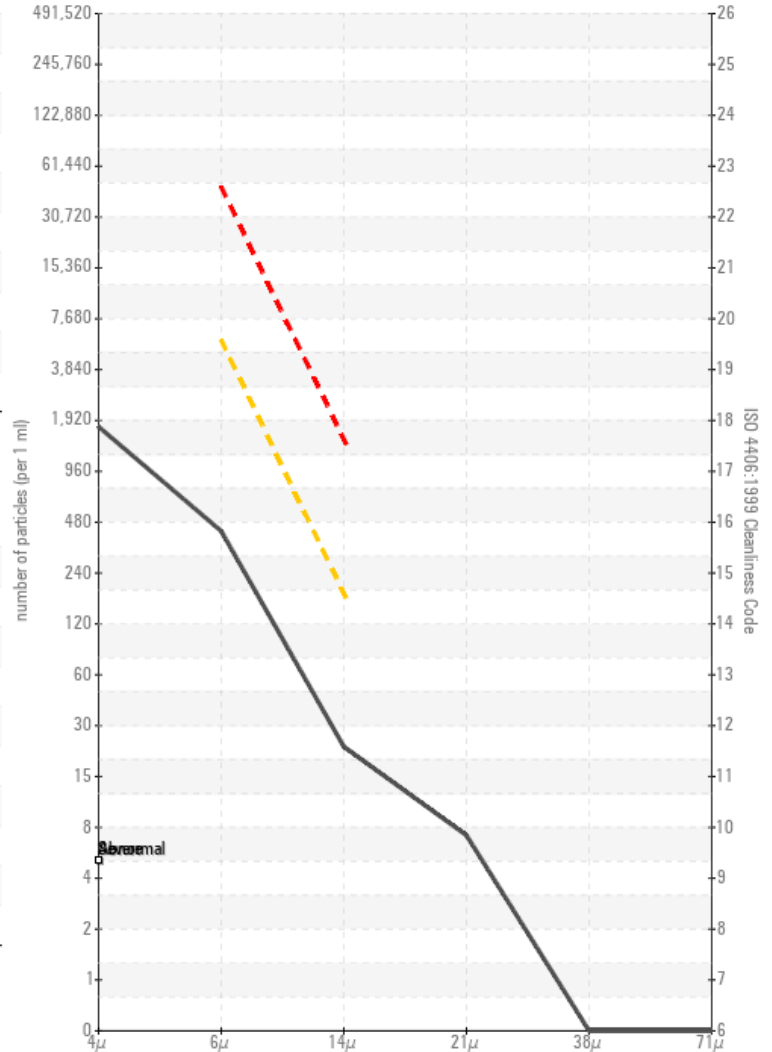
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

