



CONSTRUCTION EQUIPMENT

497592 ALTER PEORIA SENNEBOGEN 835M 835.0.2632 - HYDRAULIC SYSTEM



Sample No: VCP431487
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 497592 ALTER PEORIA



SAMPLE INFORMATION

Sample Number	VCP431487	VCP396363	---	---
Sample Date	15 Mar 2024	06 Oct 2023	---	---
Machine Hours	9526	8583	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY

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US 61705

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OIL CONDITION

Visc @ 40°C	cSt	42.0	43.6	---	---
Acid Number (AN)	mg KOH/g	0.42	0.43	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		1411	3392	---	---
Particles >6µm		400	973	---	---
Particles >14µm		43	86	---	---
ISO 4406:1999 (c)		18/16/13	19/17/14	---	---
Silicon	ppm	<1	<1	---	---
Sodium	ppm	<1	2	---	---
Potassium	ppm	0	0	---	---

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



ADDITIVES

Calcium	ppm	124	195	---	---
Magnesium	ppm	10	31	---	---
Zinc	ppm	430	471	---	---
Phosphorus	ppm	339	374	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	1	---	---

Depot: VOLVO5054
Unique No: 10968967
Signed: Wes Davis
Report Date: 11 Apr 2024

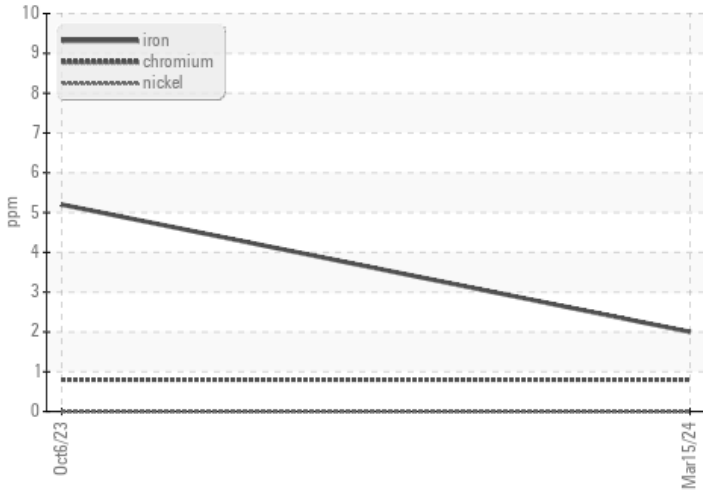


CONSTRUCTION EQUIPMENT

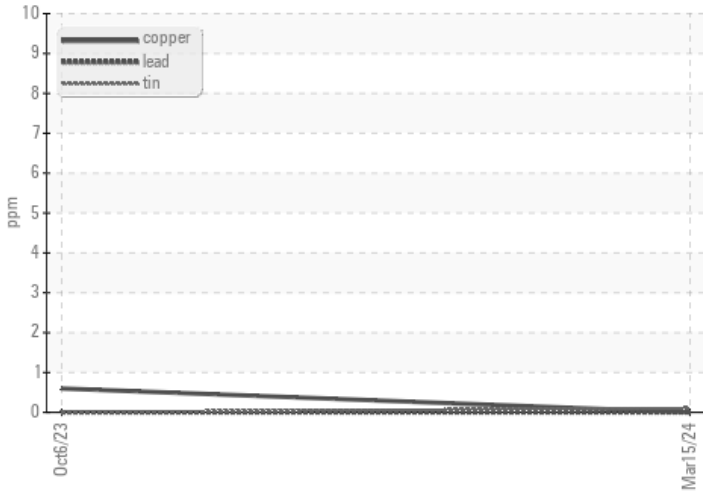


GRAPHS

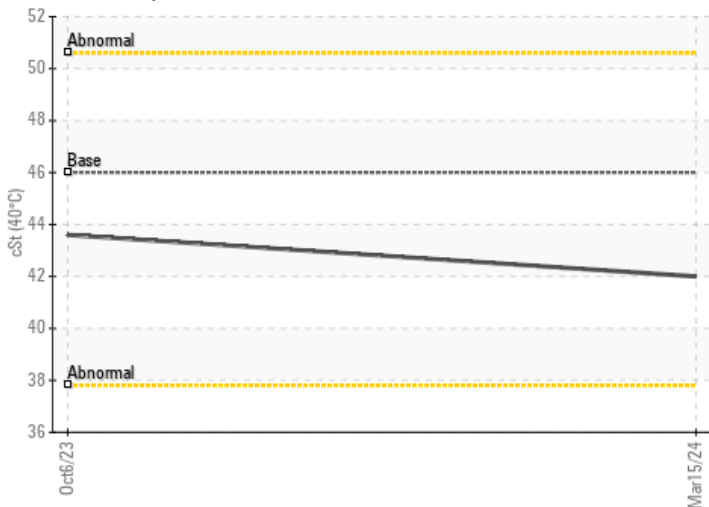
Ferrous Alloys



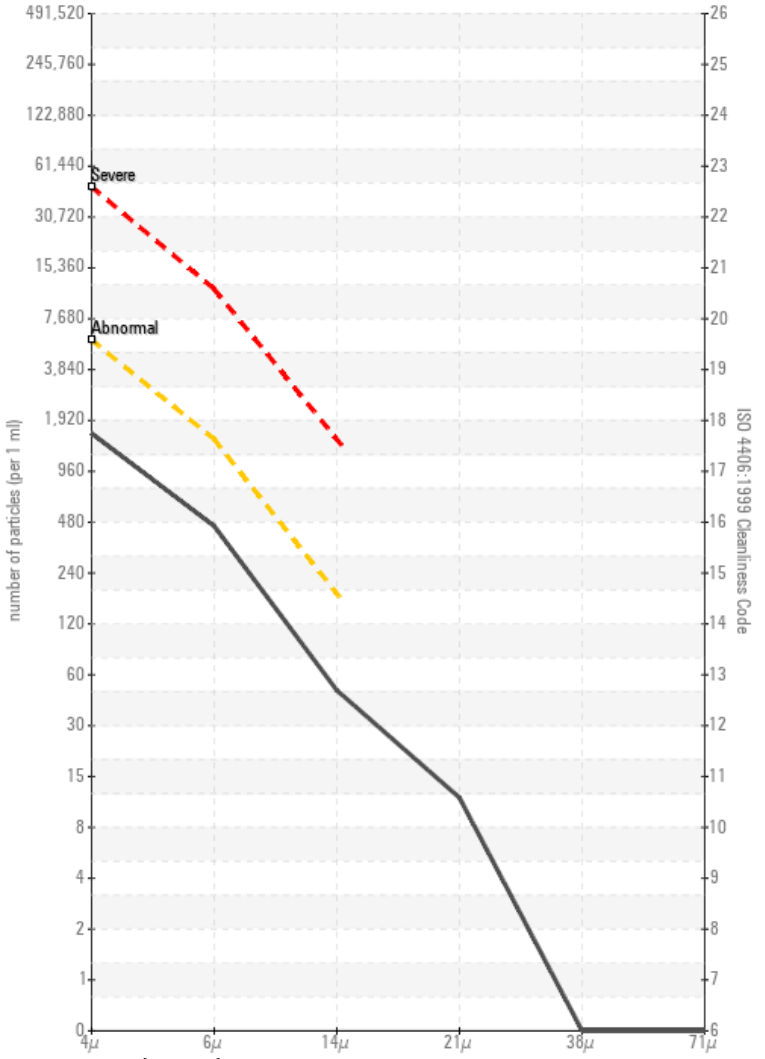
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

