



CONSTRUCTION EQUIPMENT

SWA353338 WASTE MGMT VOLVO L150F 14568 - HYDRAULIC SYSTEM



Sample No: VCP339953
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: SWA353338 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP339953	VCP409211	VCP367290	VCP384531
Sample Date	12 Sep 2023	05 Jul 2023	17 Nov 2022	28 Sep 2022
Machine Hours	28537	28514	28117	27816
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT

2500 WESTWARD DR
 SPRING GROVE, IL
 US 60081
 Contact: EVAN RICKERT
 evan.richert@altg.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	43.4	43.4	43.3	43.1
Acid Number (AN)	mg KOH/g	0.30	0.37	0.35	0.41



CONTAMINATION

Particles >4µm		141085	31309	3015	5044
Particles >6µm		44713	1650	347	273
Particles >14µm		982	44	25	7
ISO 4406:1999 (c)		24/23/17	22/18/13	19/16/12	20/15/10
Silicon	ppm	<1	<1	1	<1
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	0	0	0	0

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	6	2	2	3
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	52	54	54	63
Magnesium	ppm	2	2	<1	3
Zinc	ppm	429	449	423	438
Phosphorus	ppm	219	358	336	345
Barium	ppm	0	0	0	0
Boron	ppm	0	0	0	0

Depot: ALTSPR
Unique No: 10655164
Signed: Jonathan Hester
Report Date: 20 Sep 2023

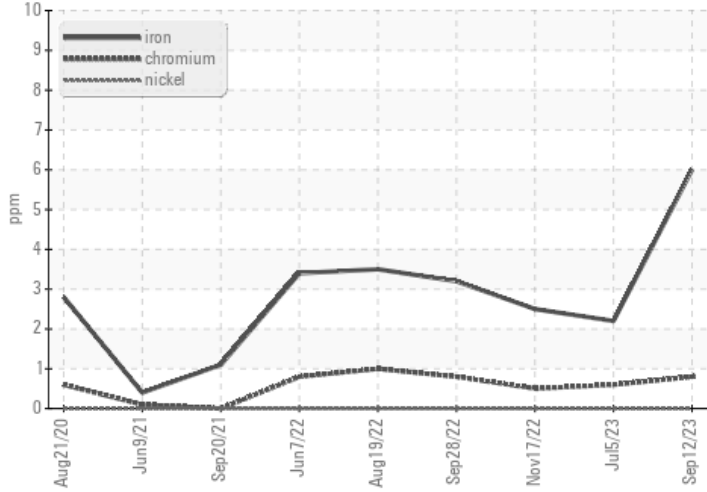


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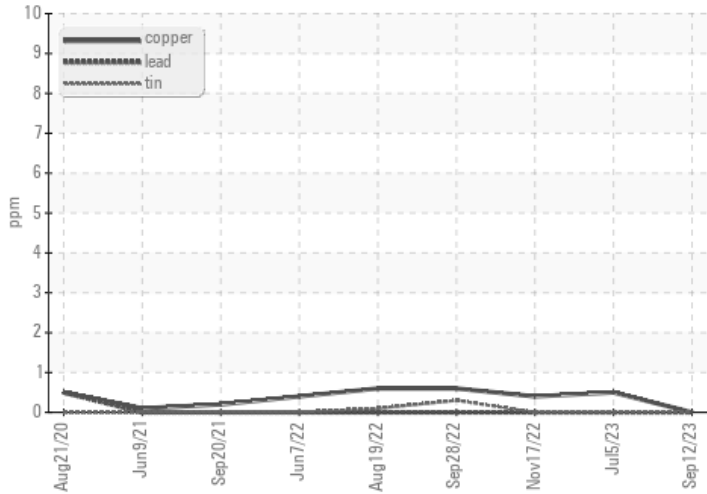


VOLVO GRAPHS

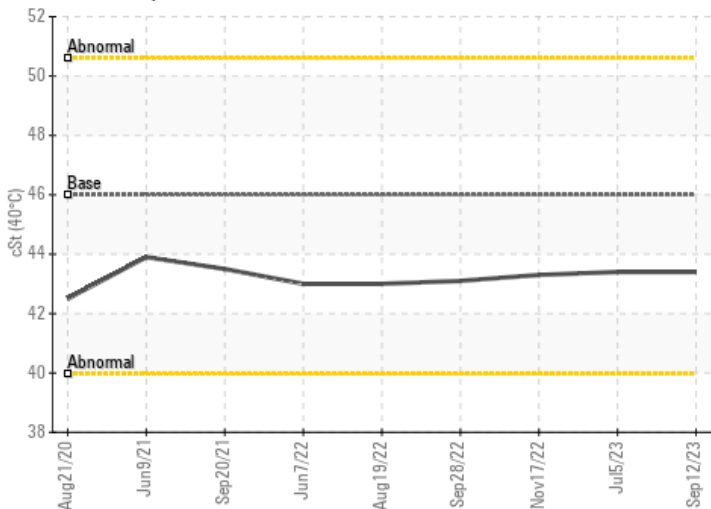
Ferrous Alloys



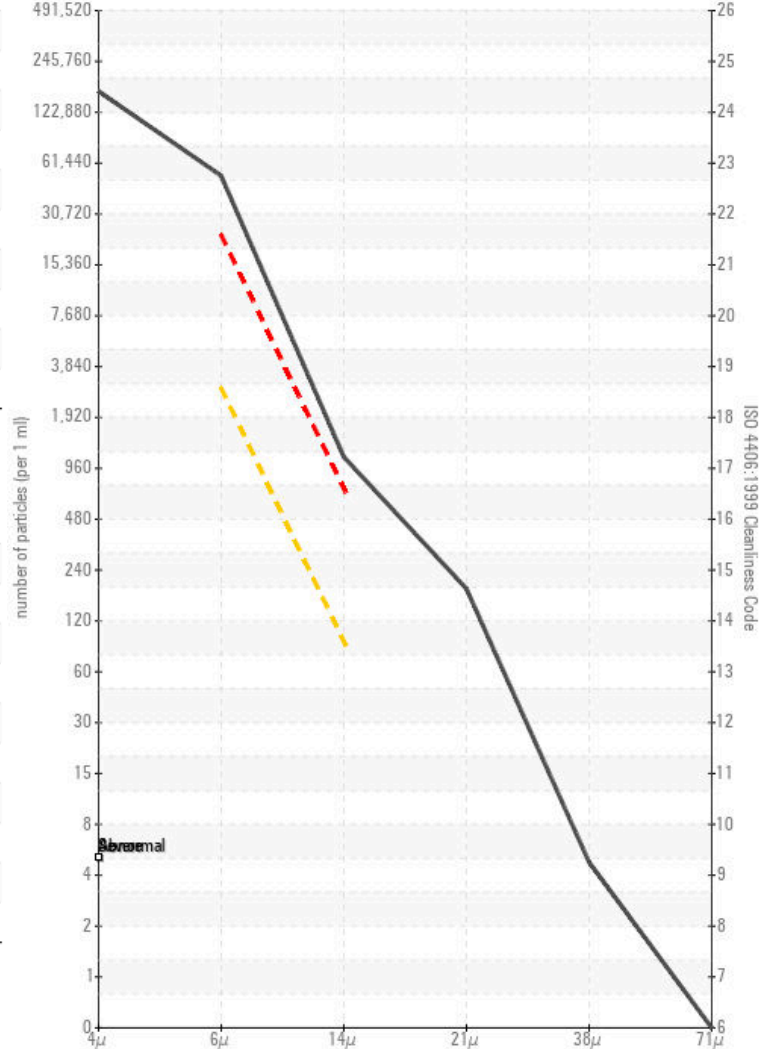
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

