



CONSTRUCTION EQUIPMENT

354073-10 WASTE MGMT VOLVO L120E 632377 - HYDRAULIC SYSTEM



Sample No: VCP358204
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 354073-10 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP358204	VCP367854	VCP396374	VCP321054
Sample Date	06 Sep 2023	24 Jan 2023	07 Dec 2022	16 Nov 2022
Machine Hours	10556	9215	9000	8850
Oil Hours	0	9215	9000	0
Oil Changed	Not Changd	Not Changd	Not Changd	Not Changd
Sample Status	ATTENTION	ATTENTION	ATTENTION	ATTENTION

ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE
 BLOOMINGTON, IL
 US 61705

Contact: JUSTIN PERRY
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 T: (309)533-9285
 F:



OIL CONDITION

Visc @ 40°C	cSt	40.5	32.0	32.1	32.3
Acid Number (AN)	mg KOH/g	0.41	0.40	0.41	0.37



CONTAMINATION

Particles >4µm	6861	3384	4693	2276
Particles >6µm	1749	702	1330	497
Particles >14µm	124	24	72	37
ISO 4406:1999 (c)	20/18/14	19/17/12	19/18/13	18/16/12
Silicon	ppm	<1	1	1
Sodium	ppm	3	1	3
Potassium	ppm	0	1	<1

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 light amount of silt (particulates < 14 microns in size) 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	4	10	10	9
Copper	ppm	1	2	2	2
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	<1	2	2	2
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	1	0
Manganese	ppm	0	0	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	62	70	70	72
Magnesium	ppm	15	5	5	3
Zinc	ppm	457	477	479	451
Phosphorus	ppm	465	359	357	385
Barium	ppm	0	0	0	0
Boron	ppm	<1	0	1	<1

Depot: VOLVO5054
Unique No: 10647286
Signed: Wes Davis
Report Date: 16 Sep 2023

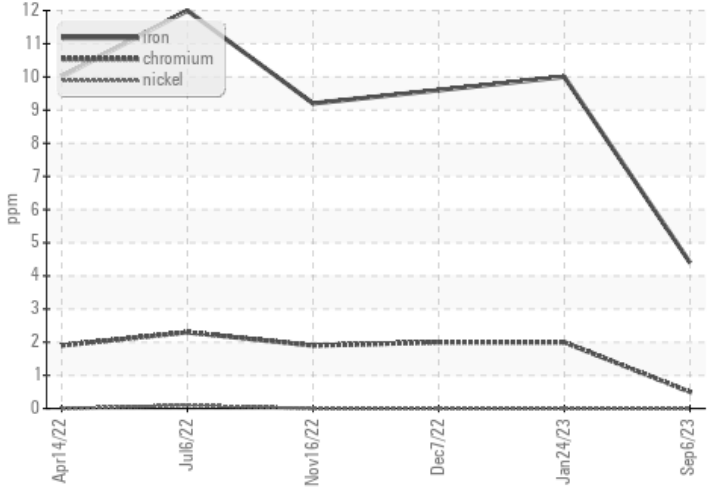


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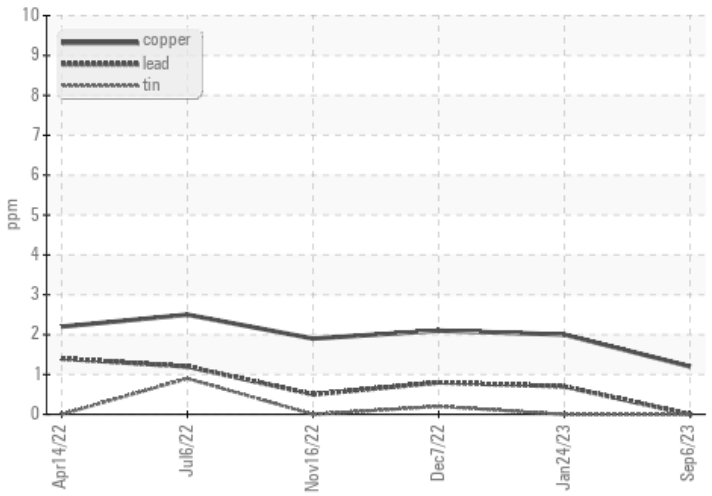


GRAPHS

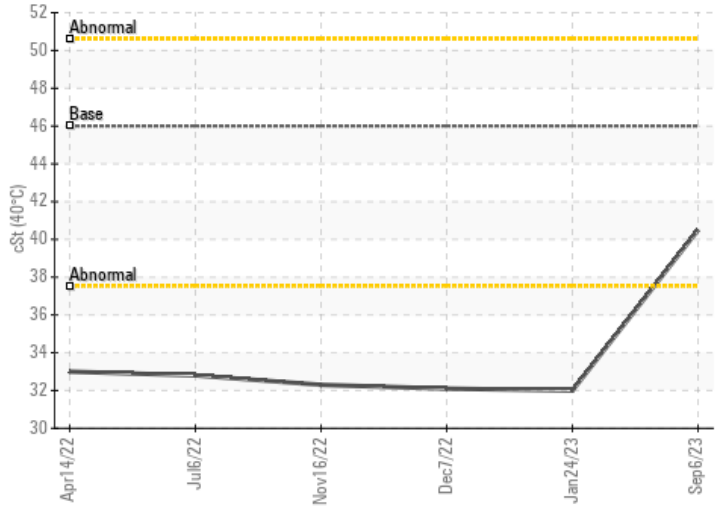
Ferrous Alloys



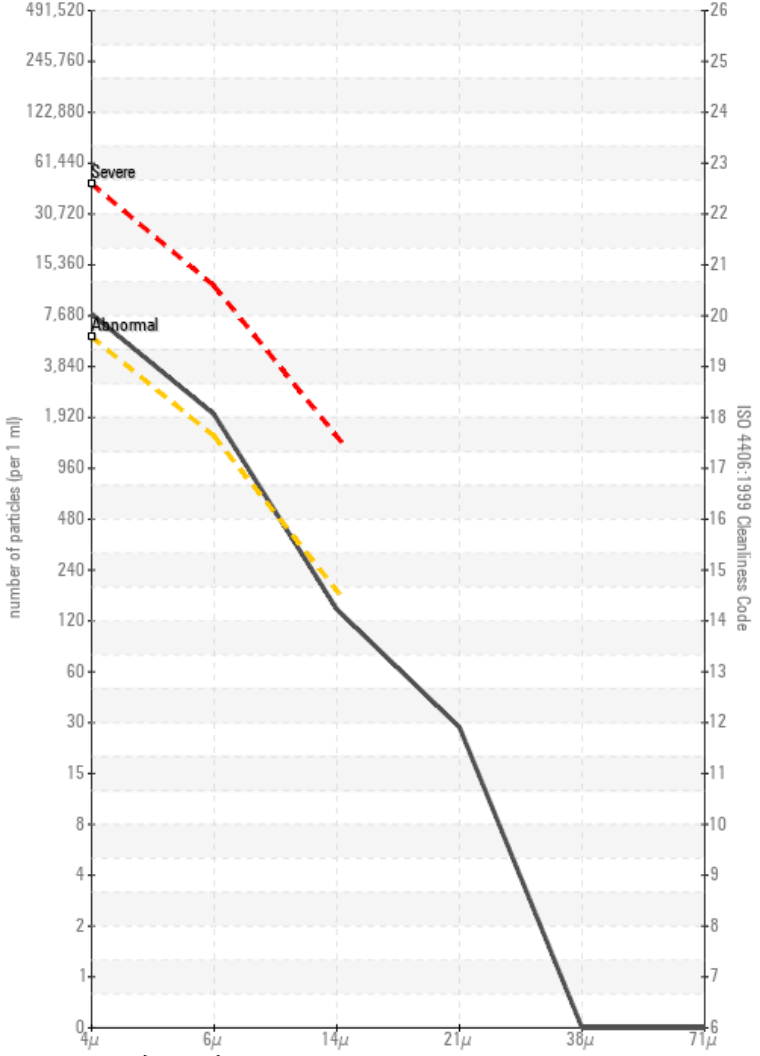
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

