



CONSTRUCTION EQUIPMENT

SPM742858 VOLVO L120H 633335 - HYDRAULIC SYSTEM



Sample No: VCP425244
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM742858



SAMPLE INFORMATION

Sample Number	VCP425244	VCP420703	VCP429116	---
Sample Date	08 Jul 2024	30 Apr 2024	15 Nov 2023	---
Machine Hours	3007	2608	1509	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	ATTENTION	NORMAL	ATTENTION	---

OZINGA BROS INC
 19001 OLD LAGRANDE RD
 MOKENA, IL
 US 60448
 Contact: ED JONGSMA



OIL CONDITION

Visc @ 40°C	cSt	42.5	43.2	42.8	---
Acid Number (AN)	mg KOH/g	0.25	0.28	0.32	---

T: (708)326-4200
 F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		5575	3781	7952	---
Particles >6µm		1607	514	901	---
Particles >14µm		90	31	35	---
ISO 4406:1999 (c)		20/18/14	19/16/12	20/17/12	---
Silicon	ppm	1	1	2	---
Sodium	ppm	0	1	<1	---
Potassium	ppm	1	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 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	6	1	5	---
Copper	ppm	2	0	2	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	<1	<1	---
Aluminum	ppm	4	0	0	---
Chromium	ppm	2	<1	<1	---
Molybdenum	ppm	1	0	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	0	0	<1	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	62	62	56	---
Magnesium	ppm	6	5	1	---
Zinc	ppm	451	433	399	---
Phosphorus	ppm	322	345	310	---
Barium	ppm	0	<1	0	---
Boron	ppm	0	0	0	---

Depot: OZIMOKVC
Unique No: 11129075
Signed: Wes Davis
Report Date: 19 Jul 2024

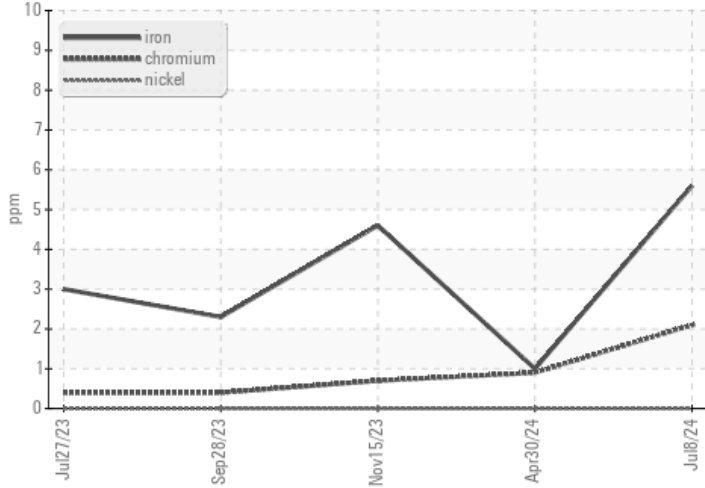


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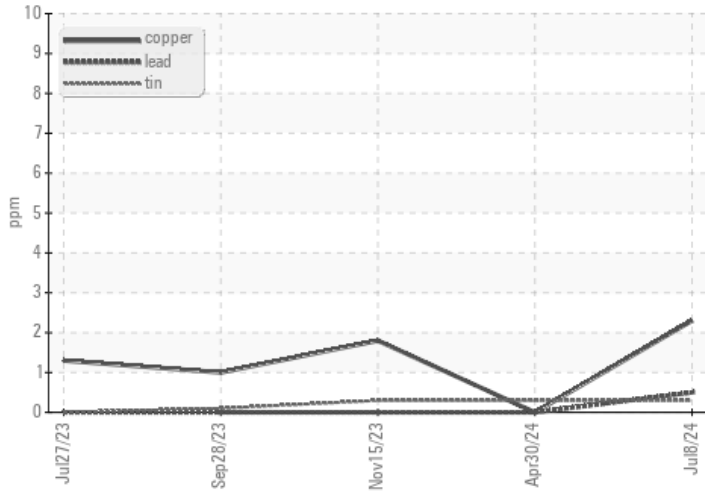


GRAPHS

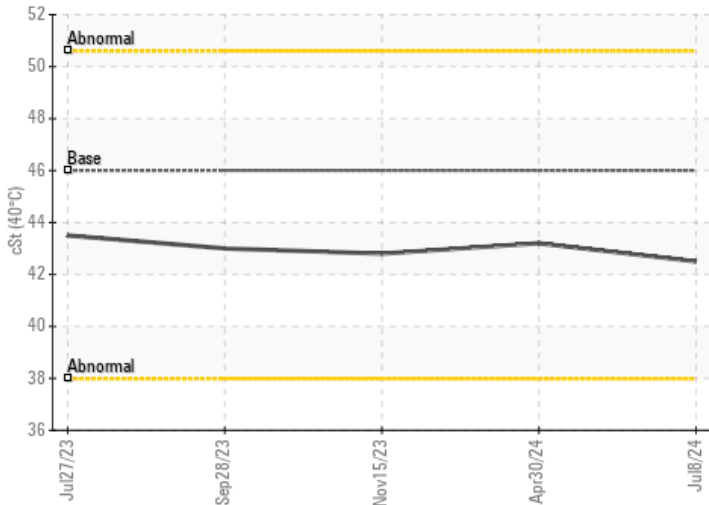
Ferrous Alloys



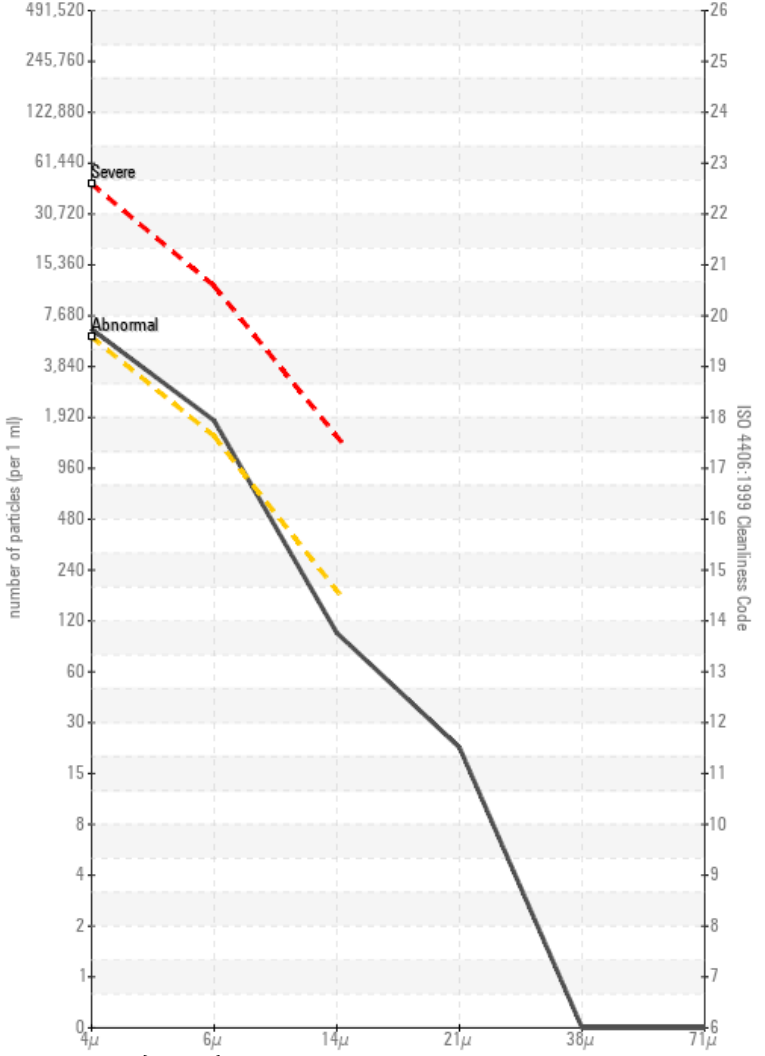
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

