



CONSTRUCTION EQUIPMENT

527088-10 VOLVO L150G 22536 - HYDRAULIC SYSTEM



Sample No: VCP428579
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 527088-10



SAMPLE INFORMATION

Sample Number	VCP428579	VCP407691	---	---
Sample Date	17 Apr 2024	26 Aug 2023	---	---
Machine Hours	17290	16482	---	---
Oil Hours	17290	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ATTENTION	---	---

MR BULTS INC
 SULLIVAN COUNTY LANDFILL
 MONTICELLO, NY
 US 12701
 Contact:



OIL CONDITION

Visc @ 40°C	cSt	37.2	40.8	---	---
Acid Number (AN)	mg KOH/g	0.31	0.44	---	---

T: (208)324-7148
 F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		15691	6561	---	---
Particles >6µm		3471	1529	---	---
Particles >14µm		225	136	---	---
ISO 4406:1999 (c)		21/19/15	20/18/14	---	---
Silicon	ppm	2	2	---	---
Sodium	ppm	2	0	---	---
Potassium	ppm	0	<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 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	2	3	---	---
Copper	ppm	2	2	---	---
Lead	ppm	0	1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	9	15	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	322	458	---	---
Magnesium	ppm	48	66	---	---
Zinc	ppm	376	536	---	---
Phosphorus	ppm	310	425	---	---
Barium	ppm	0	2	---	---
Boron	ppm	13	21	---	---

Depot: MRBMONNY
Unique No: 11003480
Signed: Don Baldrige
Report Date: 01 May 2024

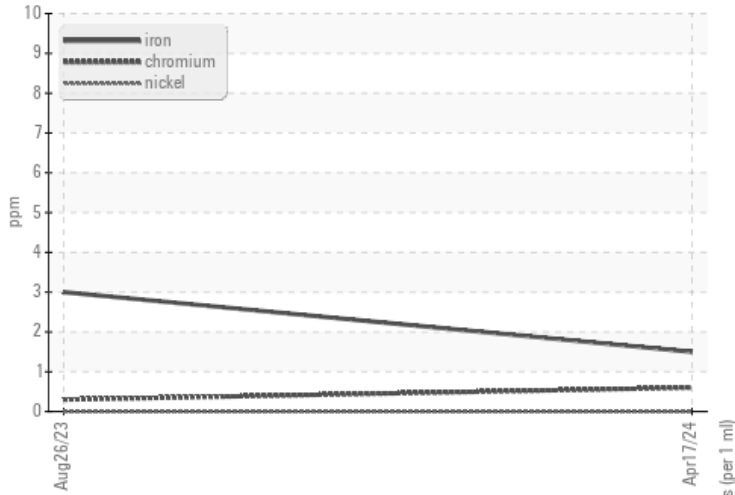


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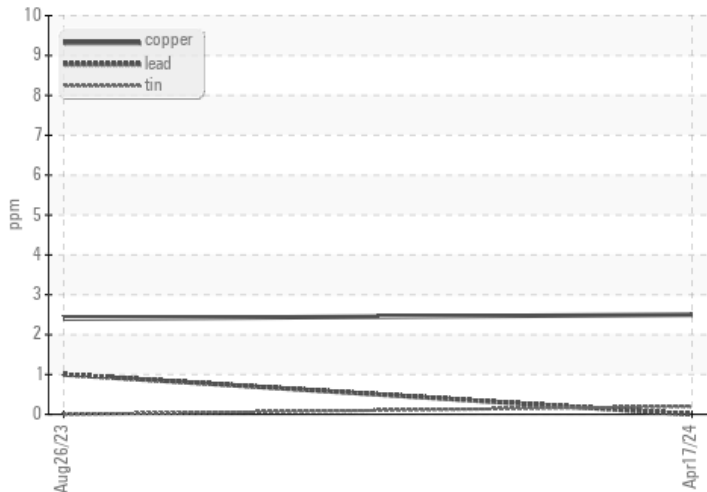


GRAPHS

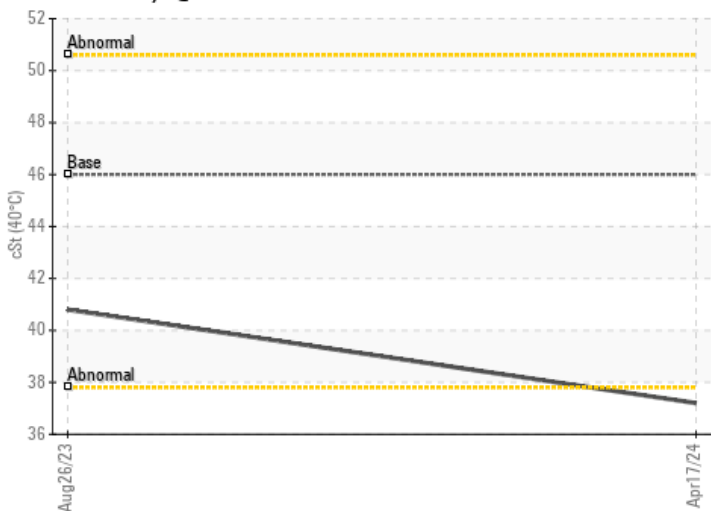
Ferrous Alloys



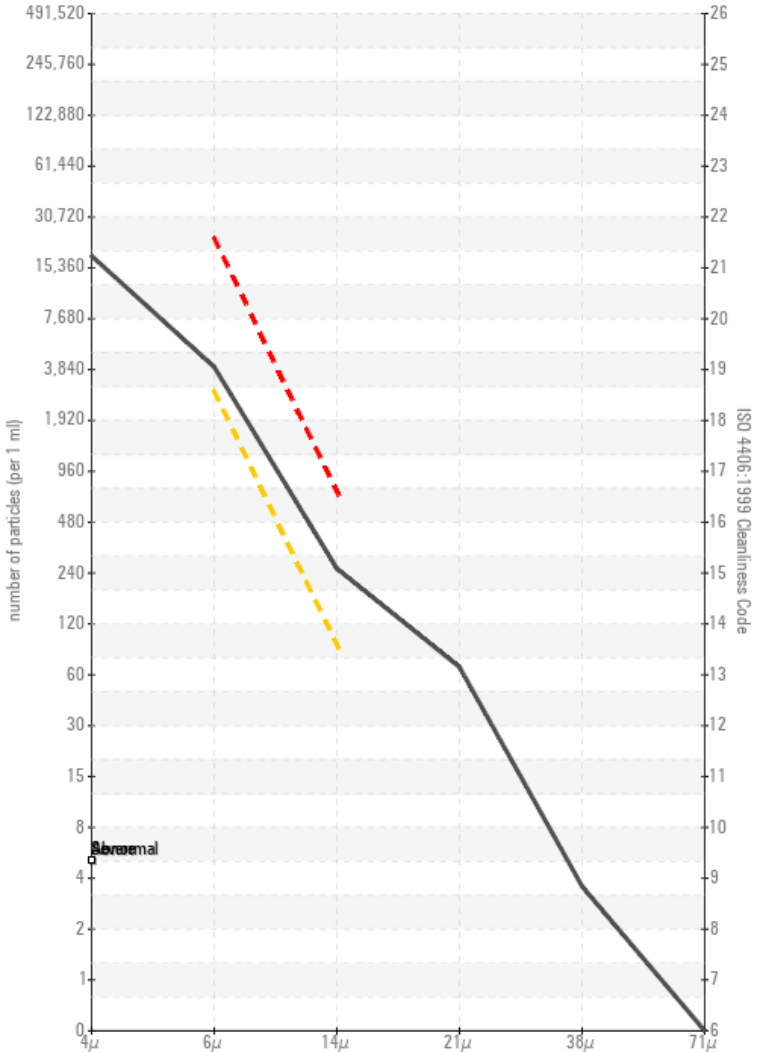
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

