



CONSTRUCTION EQUIPMENT

703416 WASTE CONN VOLVO L150 7318 - HYDRAULIC SYSTEM



Sample No: VCP451296
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 703416 WASTE CONN



SAMPLE INFORMATION

Sample Number	VCP451296	VCP438424	VCP455290	---
Sample Date	29 Apr 2024	17 Apr 2024	15 Mar 2024	---
Machine Hours	0	515	250	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	ATTENTION	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	44.0	44.0	43.0	---
Acid Number (AN)	mg KOH/g	0.39	0.45	0.51	---



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		2040	5897	---	---
Particles >6µm		260	1659	---	---
Particles >14µm		24	140	---	---
ISO 4406:1999 (c)		18/15/12	20/18/14	---	---
Silicon	ppm	<1	<1	<1	---
Sodium	ppm	<1	0	<1	---
Potassium	ppm	0	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	0	0	0	---
Copper	ppm	<1	1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	0	0	0	---
Chromium	ppm	0	<1	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	0	<1	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	83	54	53	---
Magnesium	ppm	1	2	<1	---
Zinc	ppm	409	416	436	---
Phosphorus	ppm	327	314	333	---
Barium	ppm	0	0	0	---
Boron	ppm	0	0	0	---

Depot: VOLVO0096
Unique No: 11009026
Signed: Wes Davis
Report Date: 06 May 2024

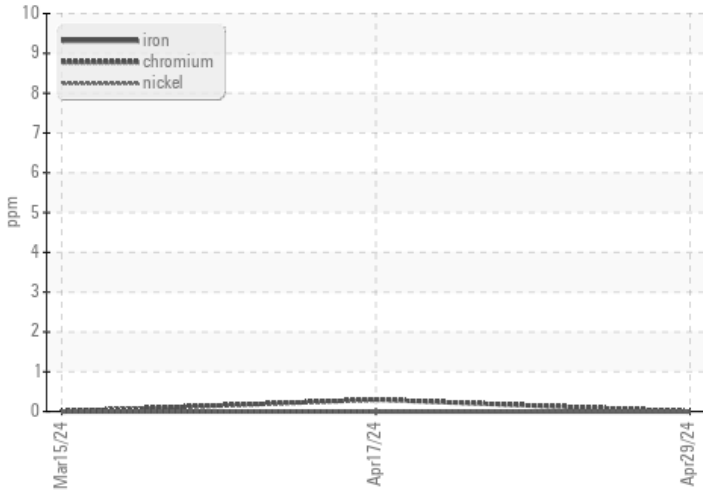


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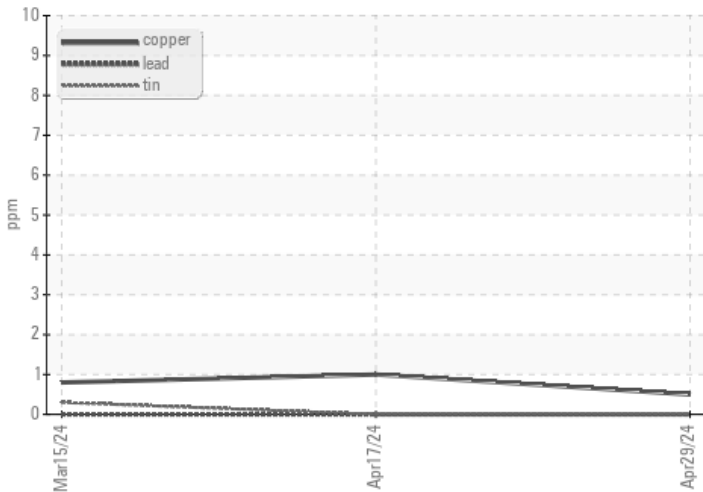


VOLVO GRAPHS

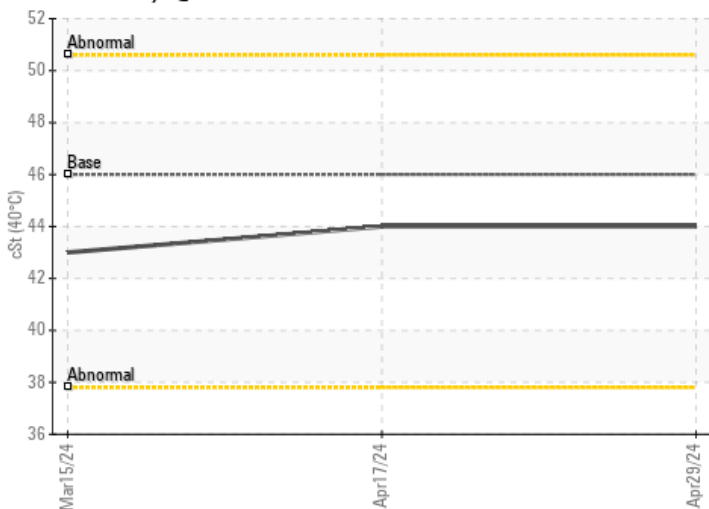
Ferrous Alloys



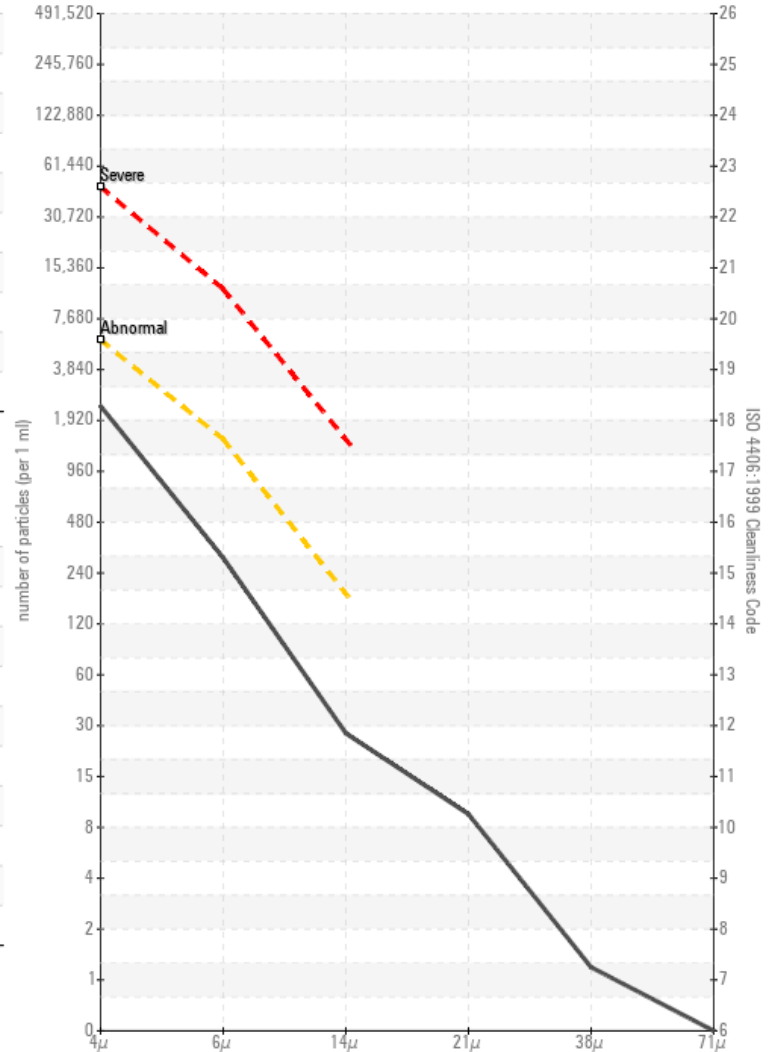
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

