



CONSTRUCTION EQUIPMENT

SPM565372 VOLVO L150H 7135 - HYDRAULIC SYSTEM



Sample No: VCP423151
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM565372



SAMPLE INFORMATION

Sample Number	VCP423151	VCP420059	VCP387162	---
Sample Date	12 Jun 2023	24 Apr 2023	22 Feb 2023	---
Machine Hours	774	562	276	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	ABNORMAL	ABNORMAL	---

WASTE MANAGEMENT - GARY
 1508 SHERMAN ST
 GARY, IN
 US 46406
 Contact: TARA RORK

OIL CONDITION

Visc @ 40°C	cSt	42.6	42.6	49.6	---
Acid Number (AN)	mg KOH/g	0.23	0.31	0.39	---

T:
F:

CONTAMINATION

Particles >4µm	4664	11333	10947	---	
Particles >6µm	780	2488	2764	---	
Particles >14µm	32	177	140	---	
ISO 4406:1999 (c)	19/17/12	21/18/15	21/19/14	---	
Silicon	ppm	1	<1	1	---
Sodium	ppm	<1	0	<1	---
Potassium	ppm	<1	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	2	0	0	---
Copper	ppm	2	<1	<1	---
Lead	ppm	<1	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	<1	0	---
Chromium	ppm	2	1	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	49	57	52	---
Magnesium	ppm	0	0	0	---
Zinc	ppm	437	441	356	---
Phosphorus	ppm	315	347	294	---
Barium	ppm	0	0	0	---
Boron	ppm	0	0	0	---

Depot: WASGARIN
Unique No: 10548643
Signed: Wes Davis
Report Date: 10 Jul 2023

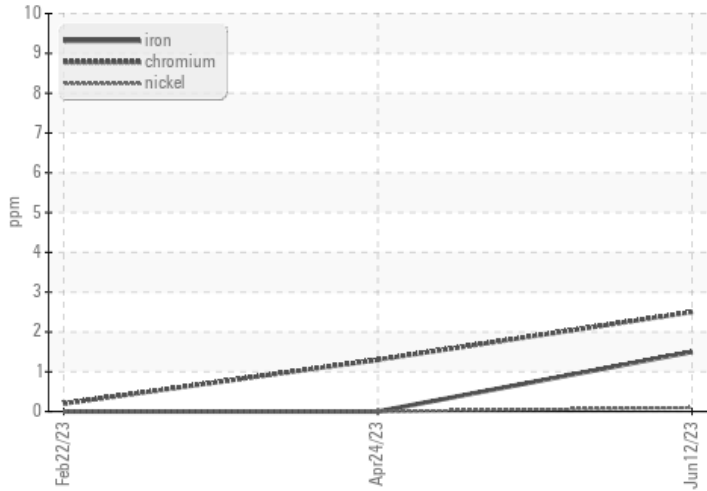


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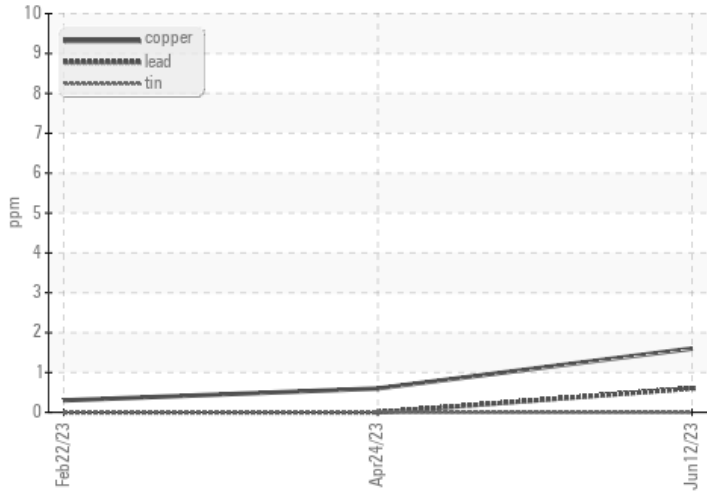


GRAPHS

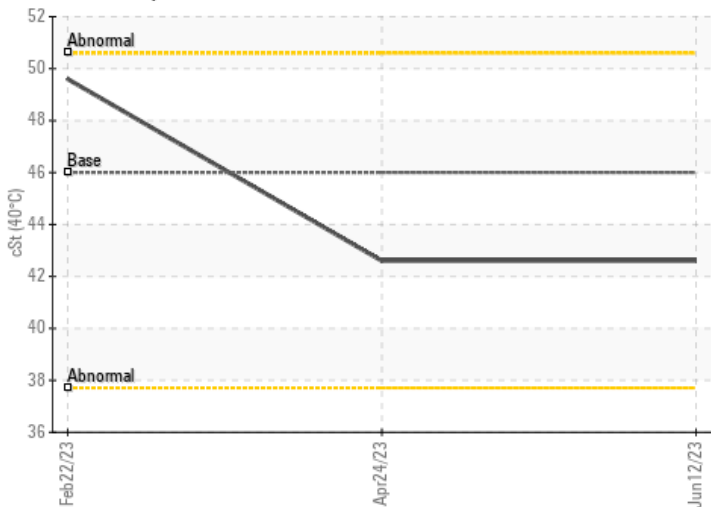
Ferrous Alloys



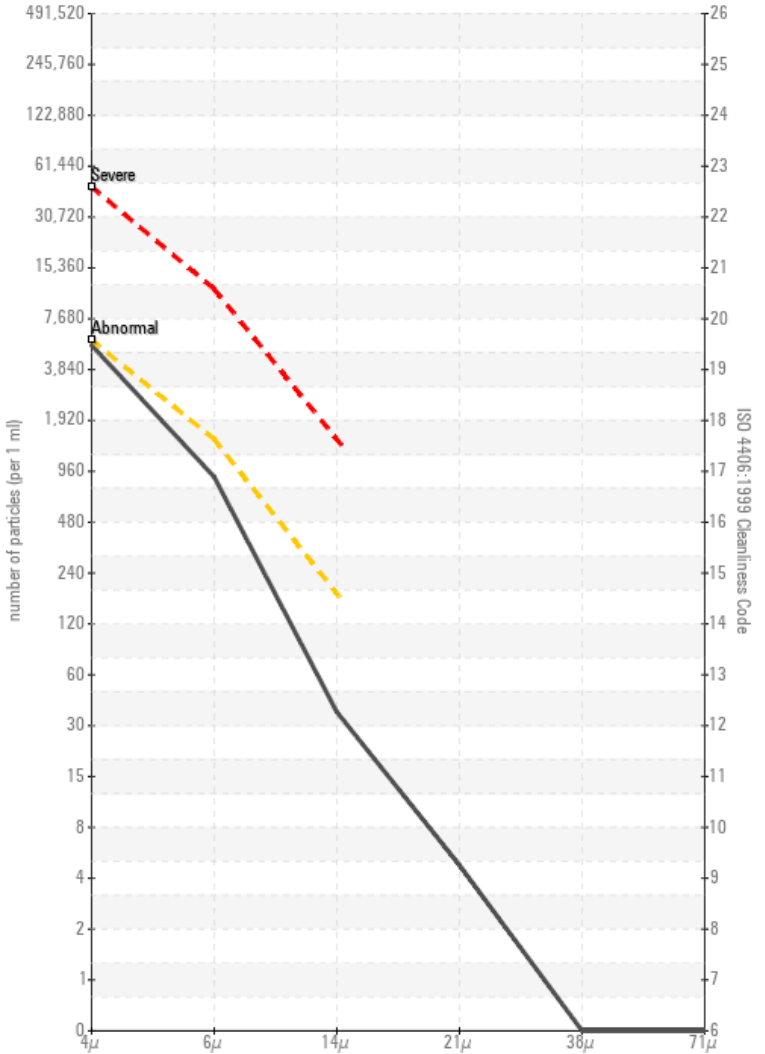
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

