



CONSTRUCTION EQUIPMENT

364520 VOLVO L120H 632541 - HYDRAULIC SYSTEM



Sample No: VCP381813
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 364520



SAMPLE INFORMATION

Sample Number	VCP381813	VCP260406	---	---
Sample Date	10 May 2023	02 Sep 2022	---	---
Machine Hours	10842	5517	---	---
Oil Hours	5000	5517	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIP (AB)

6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
 Contact: Perry Doyle
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 T: (403)391-3520
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OIL CONDITION

Visc @ 40°C	cSt	41.0	40.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		2136	1782	---	---
Particles >6µm		582	310	---	---
Particles >14µm		46	27	---	---
ISO 4406:1999 (c)		18/16/13	18/15/12	---	---
Silicon	ppm	5	6	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	0	<1	---	---

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	8	9	---	---
Copper	ppm	2	3	---	---
Lead	ppm	<1	2	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	72	59	---	---
Magnesium	ppm	1	2	---	---
Zinc	ppm	430	420	---	---
Phosphorus	ppm	381	364	---	---
Barium	ppm	0	0	---	---
Boron	ppm	<1	<1	---	---

Depot: VOLVO9652
Unique No: 5578334
Signed: Wes Davis
Report Date: 15 May 2023

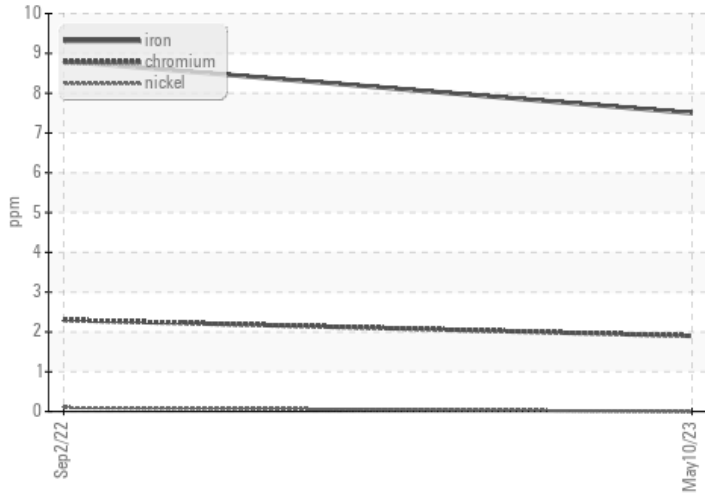


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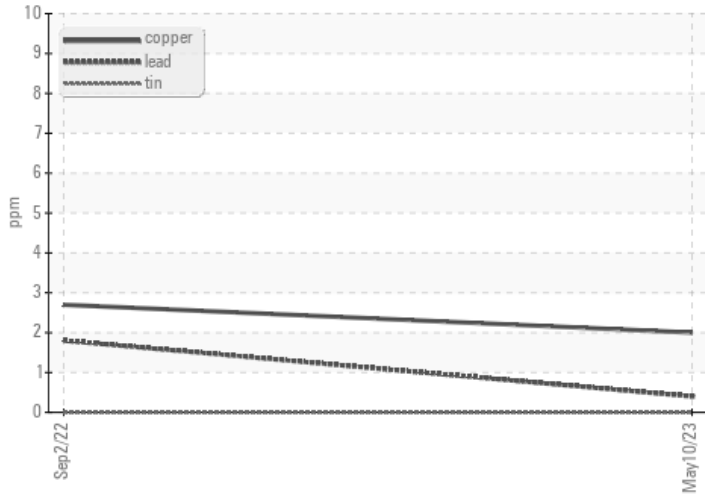


GRAPHS

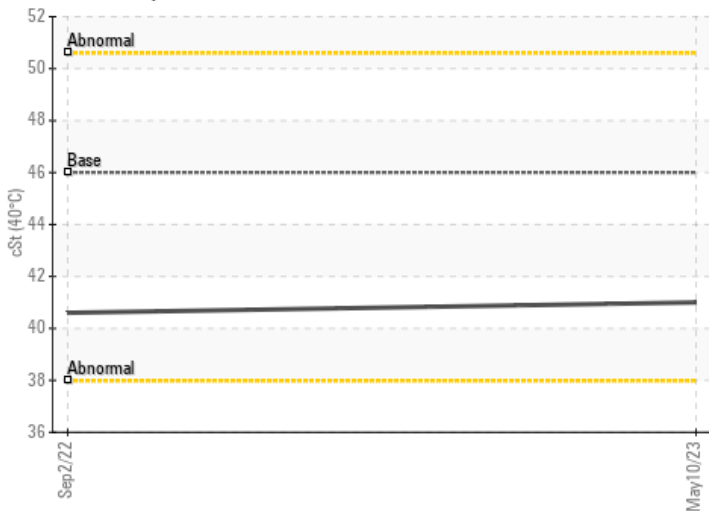
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

