



CONSTRUCTION EQUIPMENT

VOLVO L180H 5354 - HYDRAULIC SYSTEM



Sample No: VCP381167
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No:



SAMPLE INFORMATION

Sample Number	VCP381167	VCP352081	VCP273230	---
Sample Date	24 Jul 2023	07 Jul 2022	09 Jun 2020	---
Machine Hours	16486	12919	4089	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	NORMAL	ABNORMAL	ABNORMAL	---

STRONGCO EQUIPMENT

5200 BOUL ST JOSEPH
 TROIS RIVIERE, QC
 CA G8Z 4L8
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OIL CONDITION

Visc @ 40°C	cSt	40.4	36.0	25.2	---
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CONTAMINATION

Particles >4µm		1642	503	8284	---
Particles >6µm		414	88	1376	---
Particles >14µm		24	7	127	---
ISO 4406:1999 (c)		18/16/12	16/14/10	20/18/14	---
Silicon	ppm	2	1	1	---
Sodium	ppm	4	7	4	---
Potassium	ppm	1	2	1	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	4	7	4	---
Copper	ppm	1	2	3	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	4	8	4	---
Molybdenum	ppm	<1	0	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	57	62	116	---
Magnesium	ppm	19	12	8	---
Zinc	ppm	421	378	436	---
Phosphorus	ppm	363	318	372	---
Barium	ppm	0	0	<1	---
Boron	ppm	<1	<1	3	---

Depot: STR520TRO
Unique No: 5617456
Signed: Wes Davis
Report Date: 27 Jul 2023

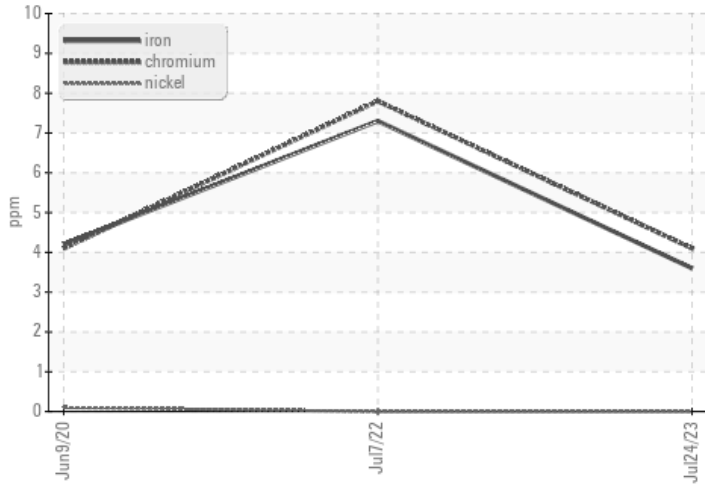


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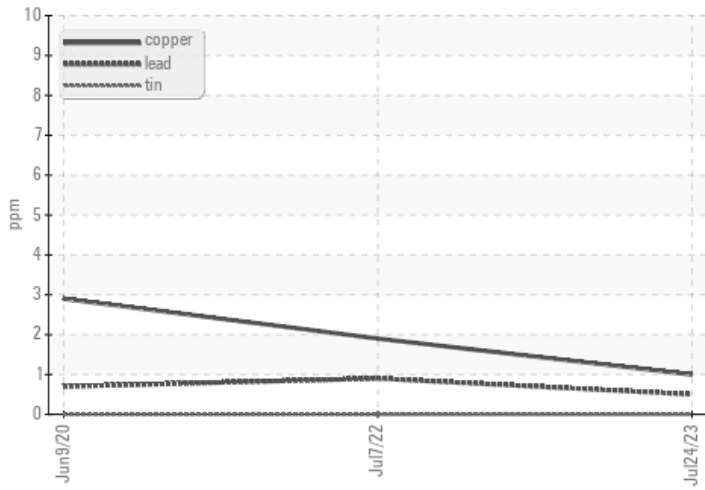


GRAPHS

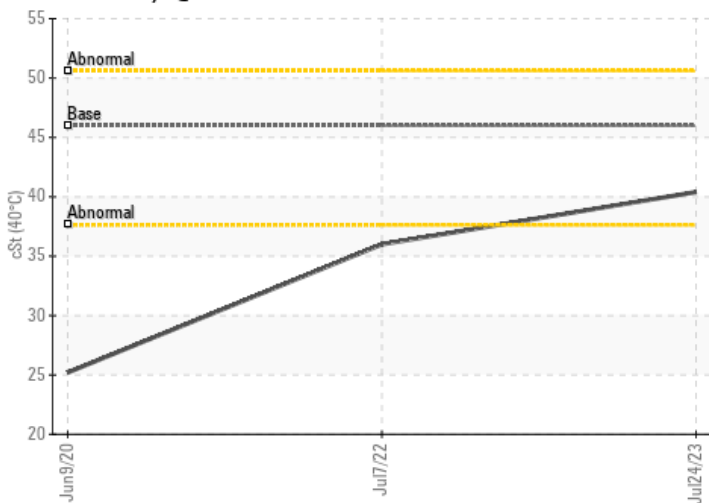
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

