



CONSTRUCTION EQUIPMENT

DJL 393374 VOLVO L180H 4336 - HYDRAULIC SYSTEM



Sample No: VCP429840
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 393374



SAMPLE INFORMATION

Sample Number	VCP429840	VCP379601	VCP260106	---
Sample Date	16 Feb 2024	23 Feb 2023	23 Dec 2019	---
Machine Hours	7149	6428	3845	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	N/A	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	42.0	42.5	38.6	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		4327	▲ 22009	17614	---
Particles >6µm		356	▲ 3847	801	---
Particles >14µm		11	▲ 338	60	---
ISO 4406:1999 (c)		19/16/11	22/19/16	21/17/13	---
Silicon	ppm	5	4	5	---
Sodium	ppm	2	2	2	---
Potassium	ppm	2	<1	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	7	6	8	---
Copper	ppm	2	2	3	---
Lead	ppm	1	1	1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	2	2	---
Chromium	ppm	3	2	3	---
Molybdenum	ppm	1	2	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	0	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	123	127	55	---
Magnesium	ppm	29	29	4	---
Zinc	ppm	682	684	437	---
Phosphorus	ppm	549	593	350	---
Barium	ppm	0	0	<1	---
Boron	ppm	2	2	<1	---

Depot: VOLVO0228
Unique No: 5733795
Signed: Wes Davis
Report Date: 21 Feb 2024

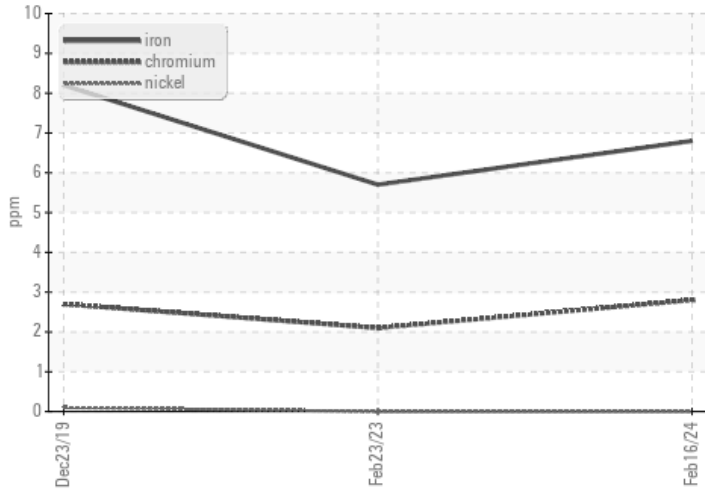


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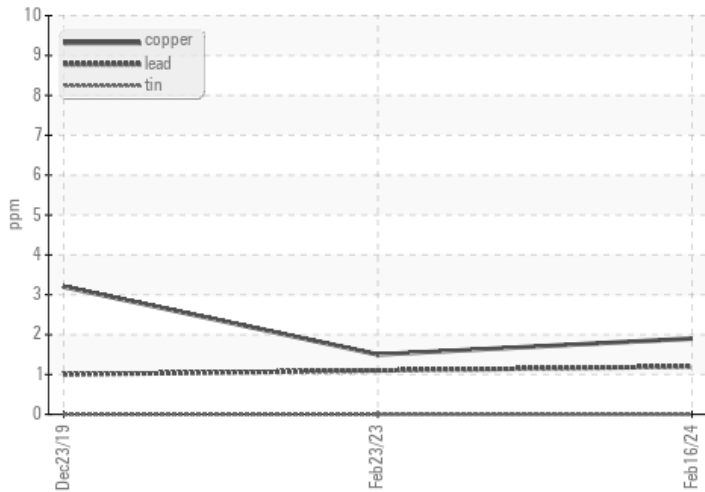


GRAPHS

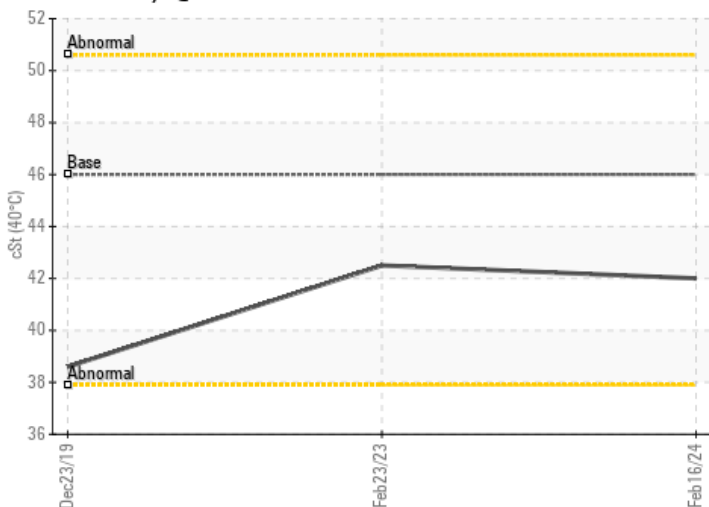
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

