



CONSTRUCTION EQUIPMENT

BETON PROVINCIAL 391592 VOLVO L260H 1053 - HYDRAULIC SYSTEM



Sample No: VCP392044
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 391592



SAMPLE INFORMATION

Sample Number	VCP392044	VCP353221	VCP204341	VCP333902
Sample Date	22 Jan 2024	17 Oct 2022	07 Jun 2021	19 Jan 2021
Machine Hours	11536	9838	6353	8181
Oil Hours	0	0	0	4000
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	40.7	42.6	45.7	46.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		▲ 15185	42531	26164	51813
Particles >6µm		608	867	184	1286
Particles >14µm		22	17	4	9
ISO 4406:1999 (c)		21/16/12	23/17/11	22/15/9	23/17/10
Silicon	ppm	4	7	8	12
Sodium	ppm	<1	1	<1	1
Potassium	ppm	<1	1	1	2

Diagnosis

Nous recommandons le remplacement des filtres de ce composant. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Les taux d'usure de tous les composants sont normaux. Il y a une quantité modérée de particules (de 4 à 14 microns) dans l'huile. L'huile peut encore servir si la contamination peut être réduite à un niveau acceptable.



WEAR METALS

Iron	ppm	6	6	11	14
Copper	ppm	<1	<1	1	2
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	2	3	3	5
Chromium	ppm	<1	<1	1	2
Molybdenum	ppm	1	0	<1	<1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	128	263	74	72
Magnesium	ppm	26	4	9	8
Zinc	ppm	564	479	476	460
Phosphorus	ppm	514	424	376	383
Barium	ppm	0	0	<1	0
Boron	ppm	2	6	1	1

Depot: VOLVO0228
Unique No: 5720276
Signed: Wes Davis
Report Date: 26 Jan 2024

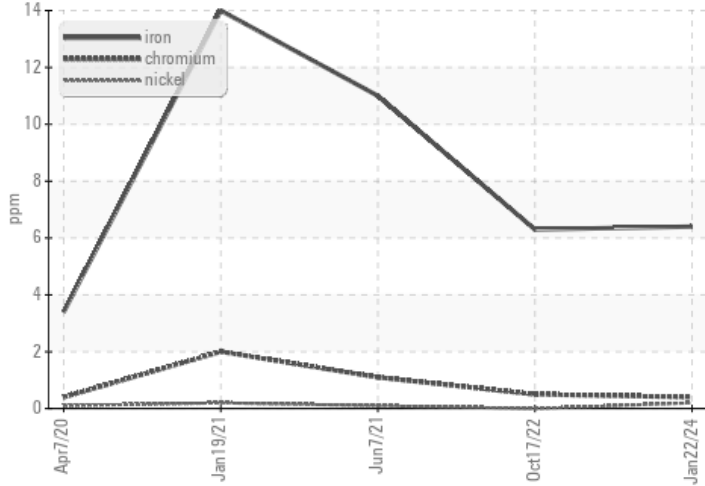


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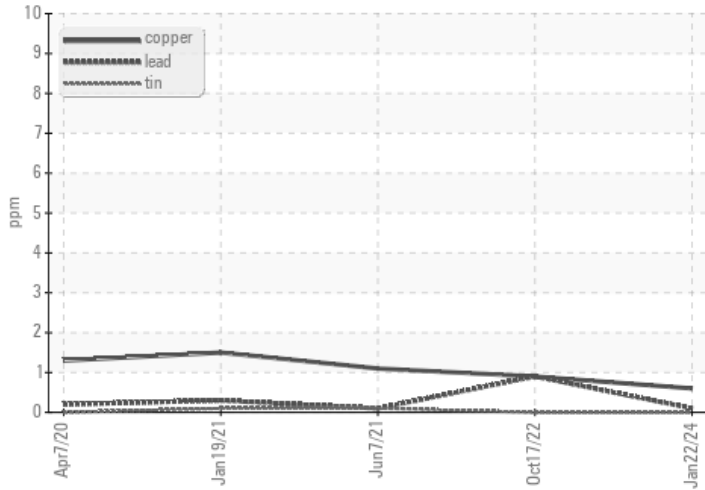


GRAPHS

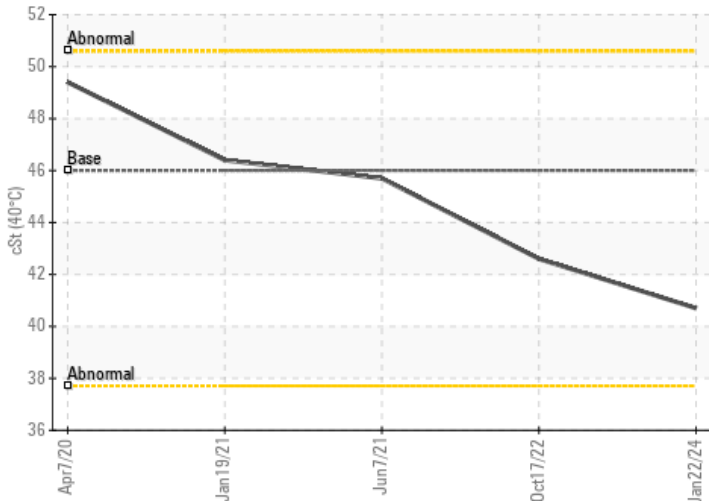
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



▲ Particle Count

