



CONSTRUCTION EQUIPMENT

WM 392656 VOLVO L120H 632815 - HYDRAULIC SYSTEM



Sample No: VCP429759
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 392656



SAMPLE INFORMATION

Sample Number	VCP429759	VCP394183	VCP392470	VCP352888
Sample Date	28 Jan 2024	11 Sep 2023	24 Jul 2023	18 Apr 2023
Machine Hours	8824	7972	7681	7071
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	ATTENTION	ABNORMAL	ATTENTION	ATTENTION

WASTE MANAGEMENT

2301 Carp Rd, RR #2
 CARP, ON
 CA K0A 1L0
 Contact: Cindy Pulice
 cpulice@wm.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	42.0	42.4	42.3	41.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		9071	21360	7720	9935
Particles >6µm		2016	7686	2103	2312
Particles >14µm		66	733	116	63
ISO 4406:1999 (c)		20/18/13	22/20/17	20/18/14	20/18/13
Silicon	ppm	1	2	2	2
Sodium	ppm	<1	<1	<1	1
Potassium	ppm	<1	<1	0	0

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

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



ADDITIVES

Calcium	ppm	55	55	60	64
Magnesium	ppm	2	2	2	1
Zinc	ppm	408	415	415	423
Phosphorus	ppm	329	345	351	368
Barium	ppm	0	0	0	0
Boron	ppm	0	0	<1	<1

Depot: CAN254CAR
Unique No: 5722243
Signed: Wes Davis
Report Date: 03 Feb 2024

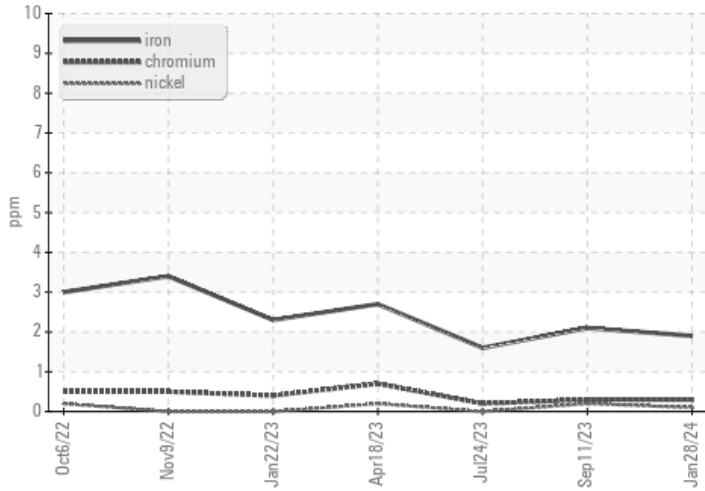


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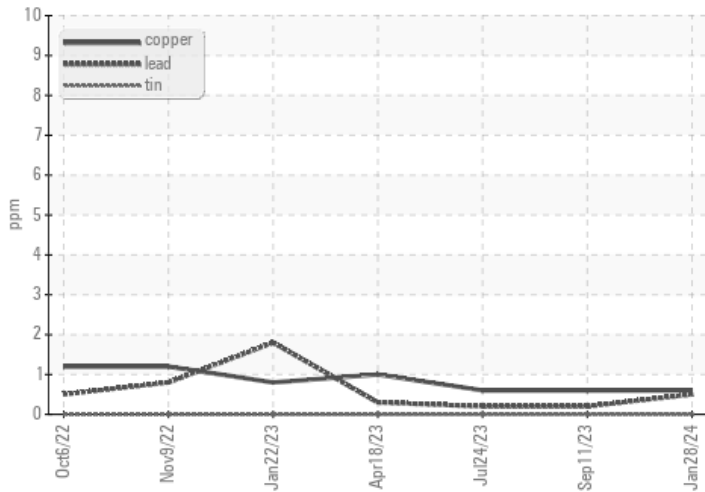


GRAPHS

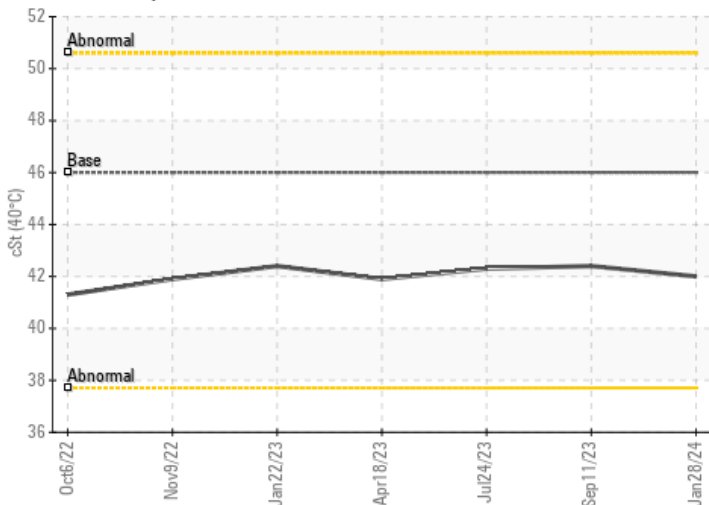
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

