



CONSTRUCTION EQUIPMENT

SPM702779 GA PACIFIC VOLVO L150H 7091 - HYDRAULIC SYSTEM



Sample No: VCP447716
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM702779 GA PACIFIC



SAMPLE INFORMATION

Sample Number	VCP447716	VCP444822	VCP425440	VCP404058
Sample Date	30 Apr 2024	15 Mar 2024	10 Nov 2023	26 Apr 2023
Machine Hours	6804	5645	4509	2615
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	ABNORMAL	ATTENTION	ATTENTION

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	41.1	41.6	41.3	42.1
Acid Number (AN)	mg KOH/g	0.33	0.37	0.32	0.25



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		4786	10815	9182	5121
Particles >6µm		744	2459	1978	1668
Particles >14µm		35	101	109	154
ISO 4406:1999 (c)		19/17/12	21/18/14	20/18/14	20/18/14
Silicon	ppm	2	3	1	2
Sodium	ppm	2	3	3	<1
Potassium	ppm	0	1	0	0

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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

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



ADDITIVES

Calcium	ppm	83	65	53	60
Magnesium	ppm	2	1	0	0
Zinc	ppm	424	421	342	442
Phosphorus	ppm	344	330	274	356
Barium	ppm	1	0	0	0
Boron	ppm	0	0	0	0

Depot: VOLVO8885
Unique No: 11029973
Signed: Wes Davis
Report Date: 15 May 2024

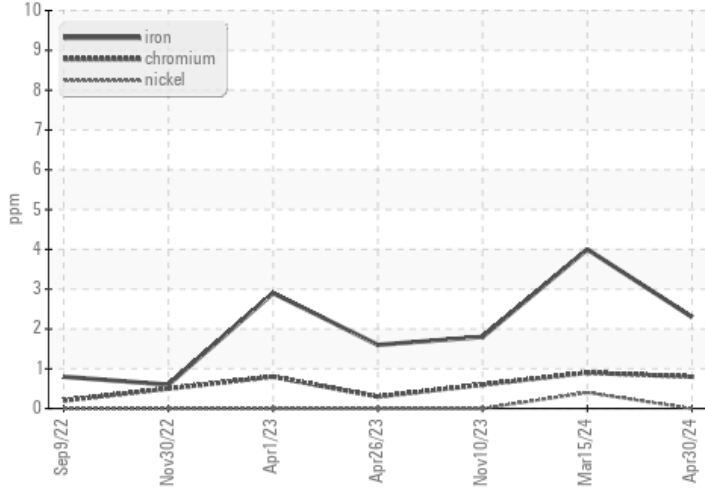


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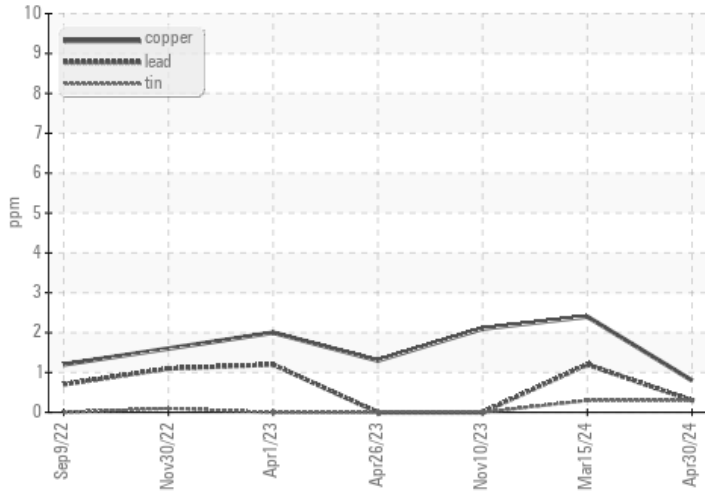


GRAPHS

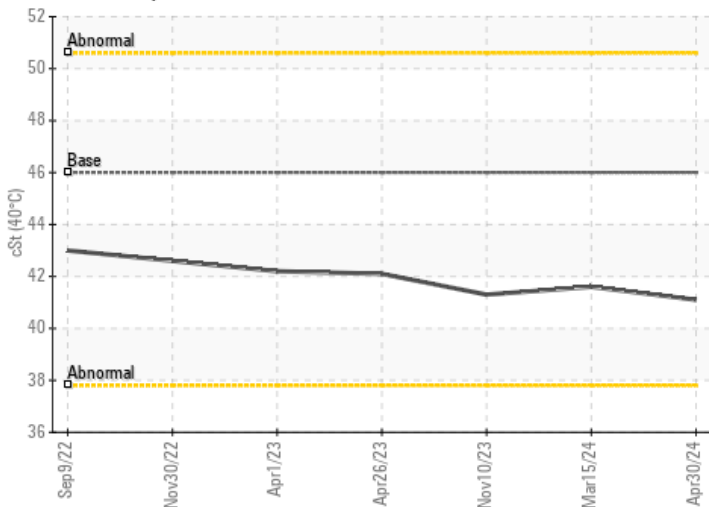
Ferrous Alloys



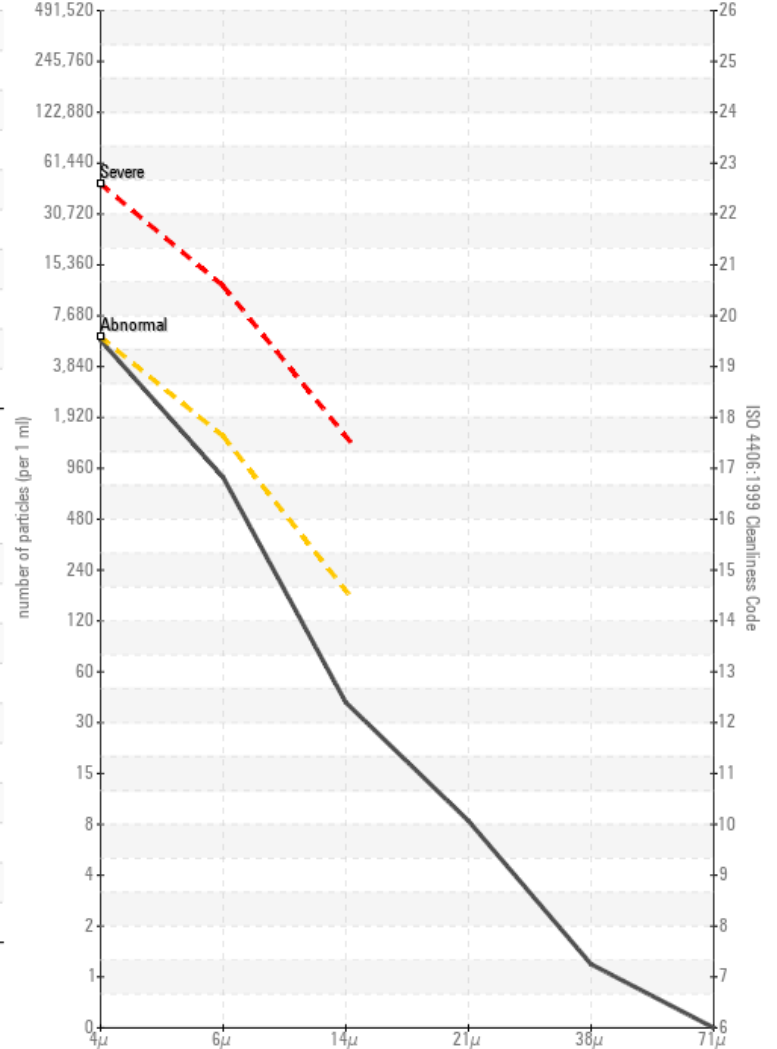
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

