



CONSTRUCTION EQUIPMENT

135855 VOLVO L260H 1362 - HYDRAULIC SYSTEM



Sample No: VCP440298
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 135855



SAMPLE INFORMATION

Sample Number	VCP440298	VCP434228	VCP371713	VCP435418
Sample Date	02 Apr 2024	30 Jan 2024	13 Oct 2023	01 Sep 2023
Machine Hours	3173	2538	1526	1072
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
 14242 S SH-34
 SCURRY, TX
 US 75158
 Contact: WALLACE WARREN
 wallace.warren@lafargeholcim.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	42.0	42.1	41.7	41.9
Acid Number (AN)	mg KOH/g	0.31	0.35	0.34	0.37



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		2240	4345	---	3709
Particles >6µm		491	1113	---	263
Particles >14µm		47	97	---	13
ISO 4406:1999 (c)		18/16/13	19/17/14	---	19/15/11
Silicon	ppm	4	2	2	1
Sodium	ppm	0	0	<1	1
Potassium	ppm	2	1	0	<1

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	6	4	7	1
Copper	ppm	4	3	2	2
Lead	ppm	2	2	<1	<1
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	2	0	<1
Chromium	ppm	1	<1	<1	0
Molybdenum	ppm	<1	<1	0	0
Nickel	ppm	<1	<1	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	0	0
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	48	53	48	46
Magnesium	ppm	1	<1	0	0
Zinc	ppm	426	417	417	430
Phosphorus	ppm	274	342	324	342
Barium	ppm	0	13	0	0
Boron	ppm	0	0	0	0

Depot: LATSCU
Unique No: 10966020
Signed: Wes Davis
Report Date: 09 Apr 2024

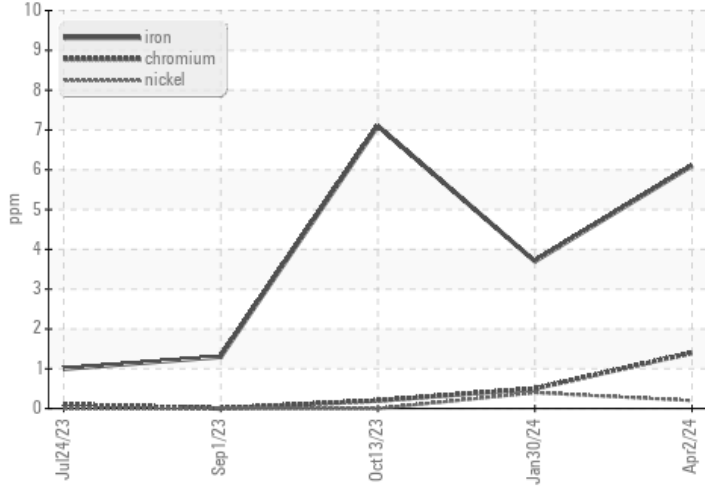


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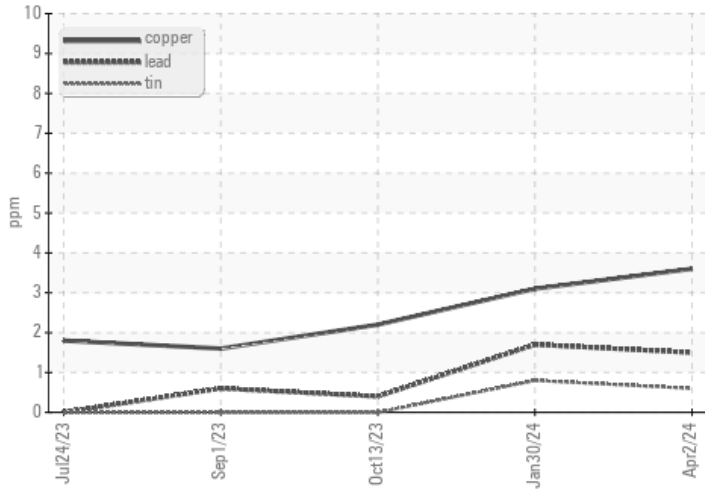


VOLVO GRAPHS

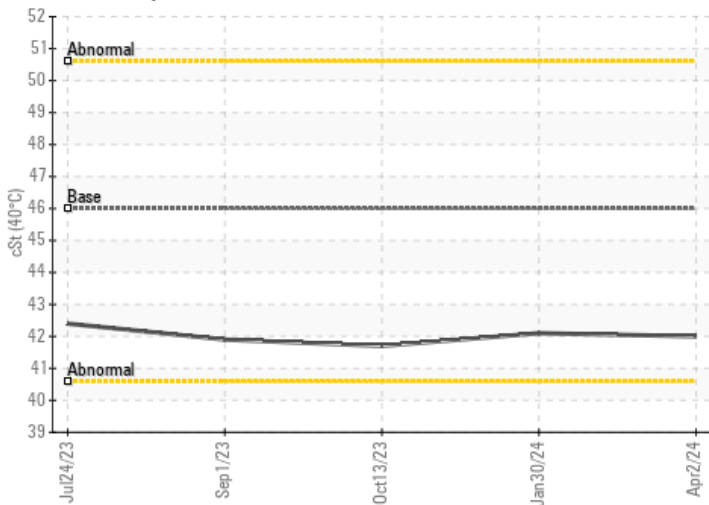
Ferrous Alloys



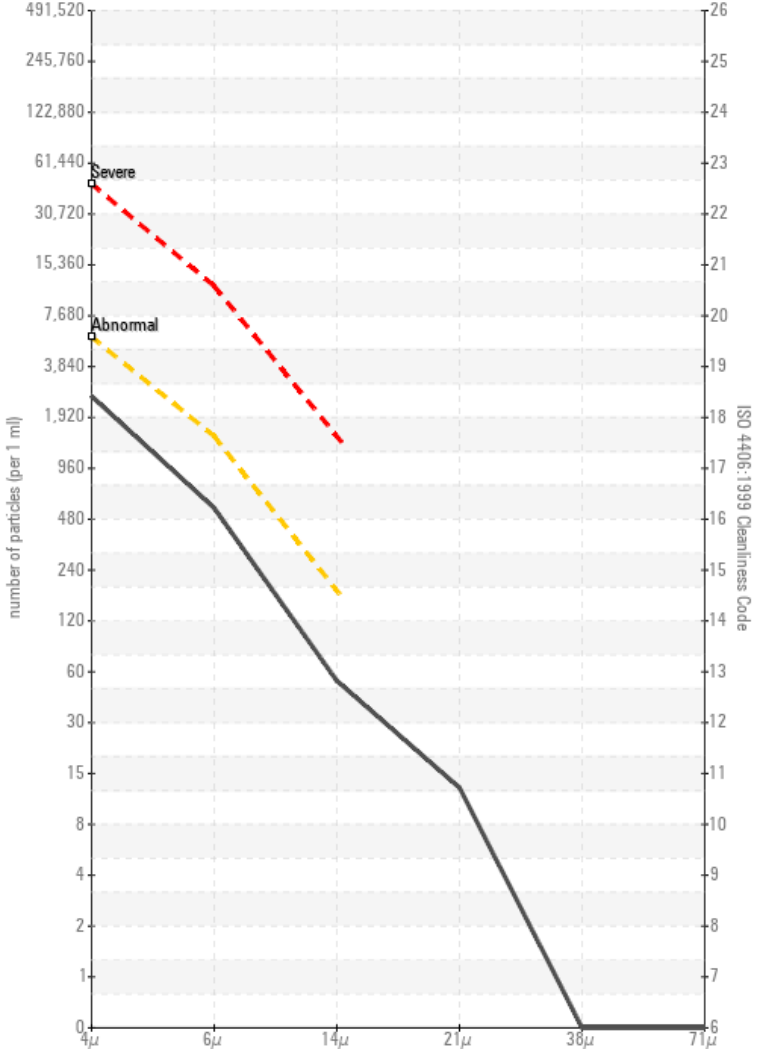
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

