



CONSTRUCTION EQUIPMENT

136477 VOLVO EC750E 314194 - HYDRAULIC SYSTEM



Sample No: VCP447659
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 136477



LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
 14242 S SH-34
 SCURRY, TX
 US 75158
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SAMPLE INFORMATION

Sample Number	VCP447659	VCP443074	VCP434674	VCP433925
Sample Date	04 Jun 2024	19 Mar 2024	29 Dec 2023	02 Oct 2023
Machine Hours	3975	3477	2941	2442
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

OIL CONDITION

Visc @ 40°C	cSt	41.9	41.9	41.9	41.9
Acid Number (AN)	mg KOH/g	0.40	0.504	0.35	0.44

CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		87266	11830	2053	19878
Particles >6µm		18216	1374	51	4605
Particles >14µm		93	43	4	131
ISO 4406:1999 (c)		24/21/14	21/18/13	18/13/9	21/19/14
Silicon	ppm	5	3	1	1
Sodium	ppm	2	<1	1	0
Potassium	ppm	3	<1	0	<1

WEAR METALS

Iron	ppm	9	6	3	3
Copper	ppm	8	6	5	5
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	1	<1	0	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	0	0
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	168	152	144	63
Magnesium	ppm	3	<1	<1	2
Zinc	ppm	495	456	446	461
Phosphorus	ppm	390	373	327	345
Barium	ppm	<1	0	0	0
Boron	ppm	0	0	0	0

Diagnosis

The filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Depot: LATSCU
Unique No: 11071990
Signed: Wes Davis
Report Date: 12 Jun 2024

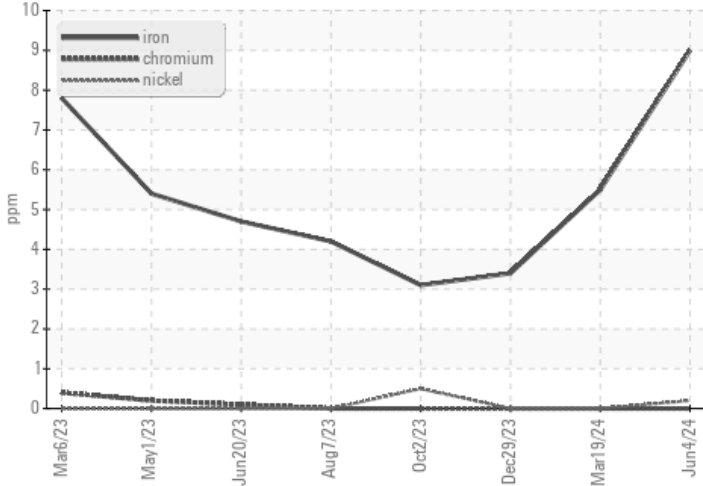


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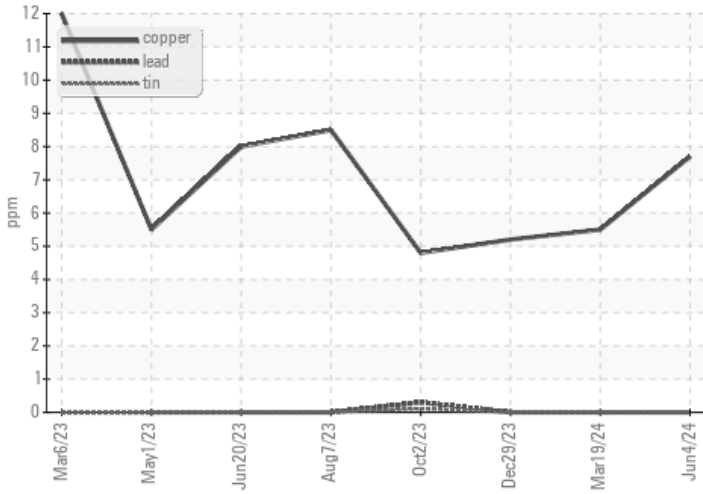


GRAPHS

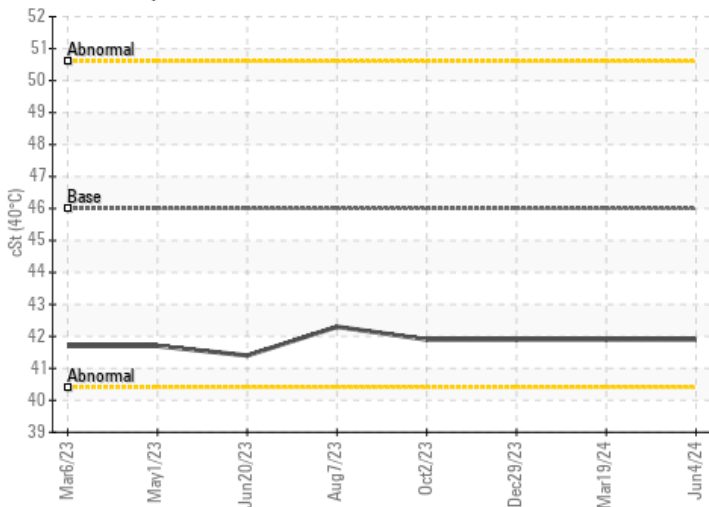
Ferrous Alloys



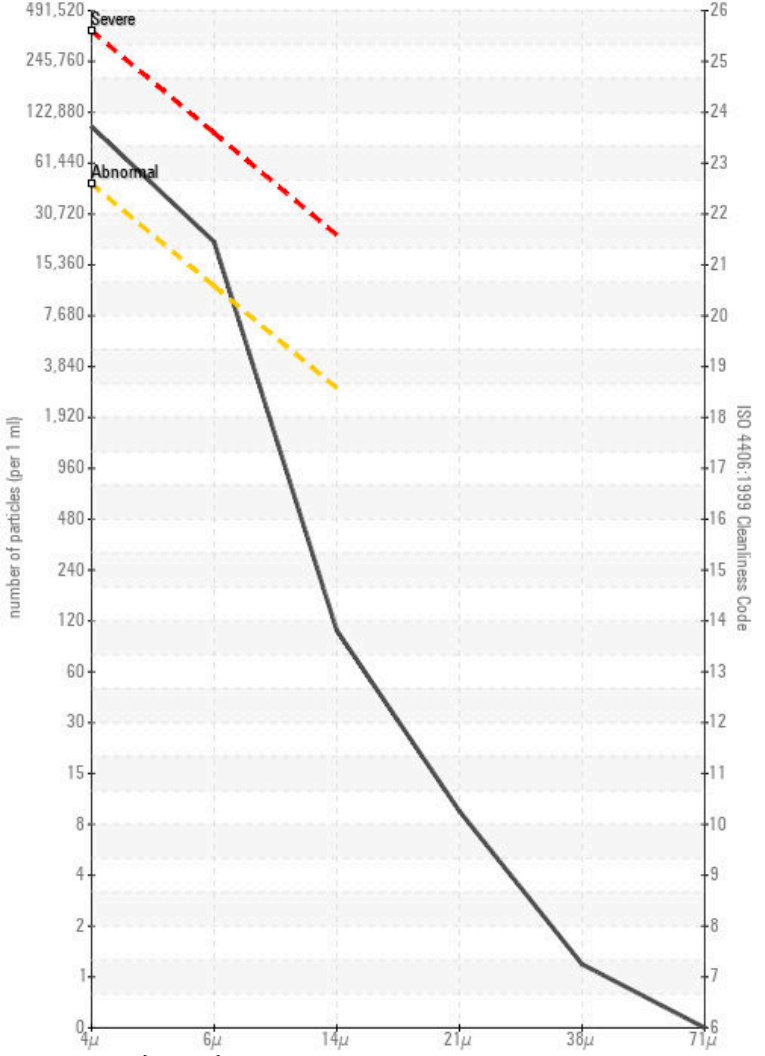
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

