



CONSTRUCTION EQUIPMENT

TMR-LANDSTREET 619053 VOLVO L150G 22725 - HYDRAULIC SYSTEM



Sample No: VCP434726
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 619053



SAMPLE INFORMATION

Sample Number	VCP434726	DJJ0009619	DJJ0009670	DJJ0009605
Sample Date	02 Oct 2023	19 Sep 2022	28 Jun 2022	02 Feb 2022
Machine Hours	18825	17474	17169	16609
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	ABNORMAL	NORMAL	ATTENTION	NORMAL

TRADEMARK METALS RECYCLING - ORLANDO - LANDSTREET
 51 EAST LANDSTREET ROAD
 ORLANDO, FL
 US 32824
 Contact: RYAN BOWDEN

OIL CONDITION

Visc @ 40°C	cSt	55.7	48.7	49.3	46.0
Acid Number (AN)	mg KOH/g	0.47	0.37	0.35	0.47

T:
 F: (407)855-3118

CONTAMINATION

Water	%	---	---	---	0.095
Particles >4µm		19684	4399	4794	9592
Particles >6µm		4746	644	1214	1090
Particles >14µm		330	58	126	54
ISO 4406:1999 (c)		21/19/16	19/17/13	19/17/14	20/17/13
Silicon	ppm	1	<1	1	<1
Sodium	ppm	<1	<1	0	0
Potassium	ppm	<1	0	1	0

Diagnosis
 No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

WEAR METALS

Iron	ppm	2	2	2	2
Copper	ppm	1	1	1	<1
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	0	0	1	<1
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	10	10	13	11
Nickel	ppm	0	0	0	0
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	118	122	129	170
Magnesium	ppm	34	32	34	49
Zinc	ppm	431	381	421	444
Phosphorus	ppm	332	312	327	358
Barium	ppm	0	0	2	0
Boron	ppm	11	9	12	15

Depot: TRAORLFL
Unique No: 10682261
Signed: Don Baldrige
Report Date: 09 Oct 2023

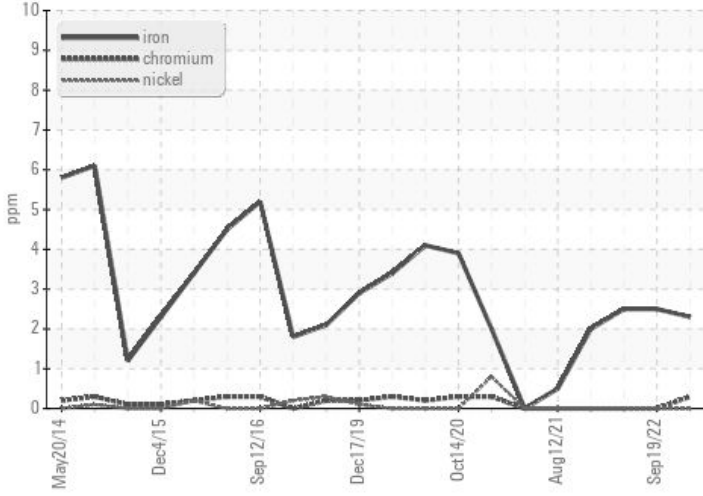


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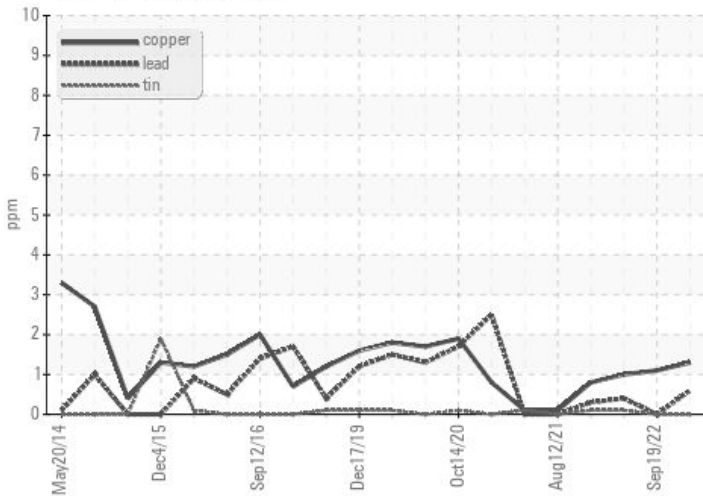


GRAPHS

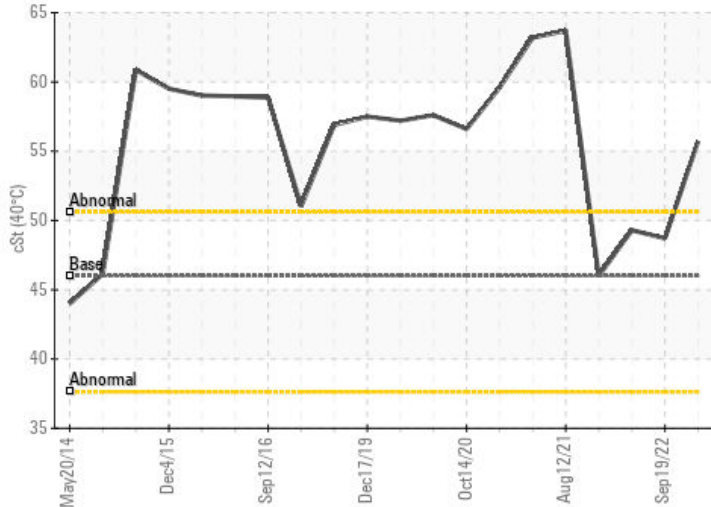
Ferrous Alloys



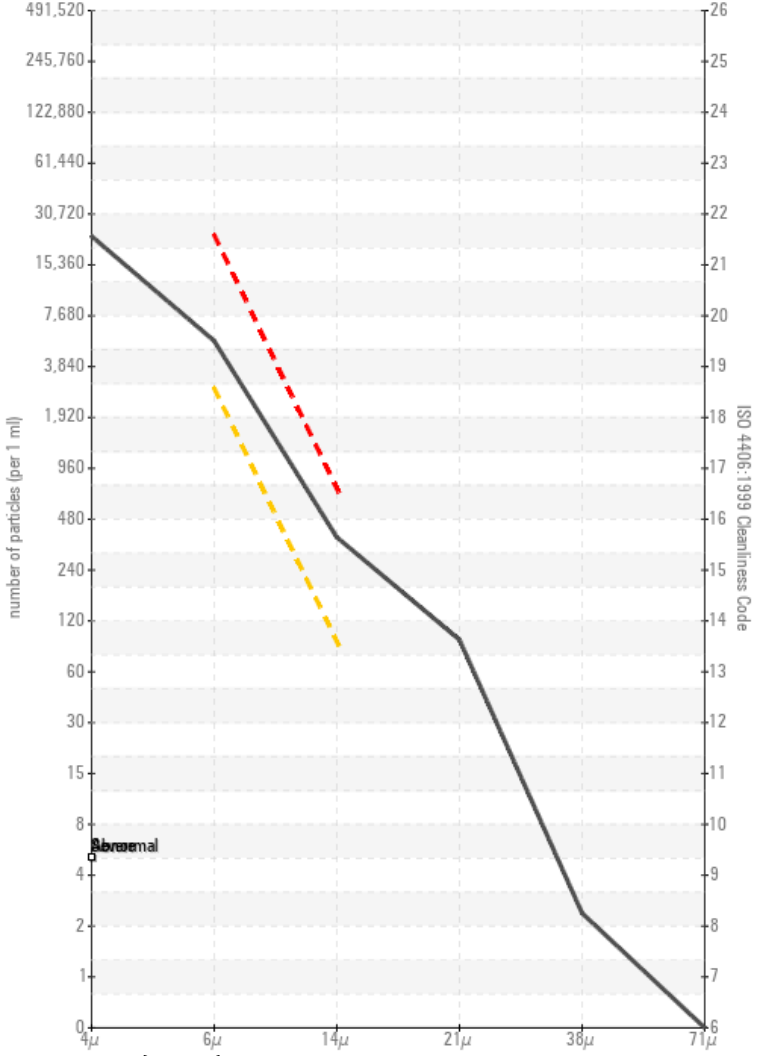
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

