



CONSTRUCTION EQUIPMENT

SPM579077 VOLVO EC750E 314043 - HYDRAULIC SYSTEM



Sample No: VCP417615
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM579077



SAMPLE INFORMATION

Sample Number	VCP417615	VCP406002	VCP398637	VCP369798
Sample Date	05 Jul 2023	20 Apr 2023	07 Feb 2023	28 Nov 2022
Machine Hours	3974	3513	2974	2449
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

BLUE GOOSE GROWERS

16059 W ORANGE AVE
 FT PIERCE, FL
 US 34945
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	39.9	39.6	39.8	40.1
Acid Number (AN)	mg KOH/g	0.37	0.48	0.40	0.41

T: (772)461-3020
 F:



CONTAMINATION

Particles >4µm	2057	946	394	63925	
Particles >6µm	168	178	97	14282	
Particles >14µm	4	10	5	345	
ISO 4406:1999 (c)	18/15/9	17/15/10	16/14/10	23/21/16	
Silicon	ppm	2	1	2	3
Sodium	ppm	<1	<1	0	<1
Potassium	ppm	0	0	<1	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	4	4	4	4
Copper	ppm	11	14	14	12
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	1	<1	<1
Chromium	ppm	2	2	2	2
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	0	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	65	63	66	62
Magnesium	ppm	3	0	3	2
Zinc	ppm	412	448	421	372
Phosphorus	ppm	354	355	323	330
Barium	ppm	0	0	0	0
Boron	ppm	0	0	0	0

Depot: BLUFOR
Unique No: 10551890
Signed: Wes Davis
Report Date: 13 Jul 2023

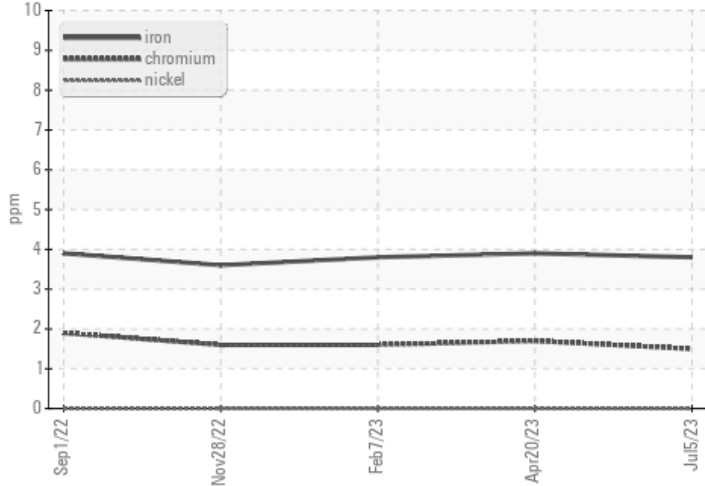


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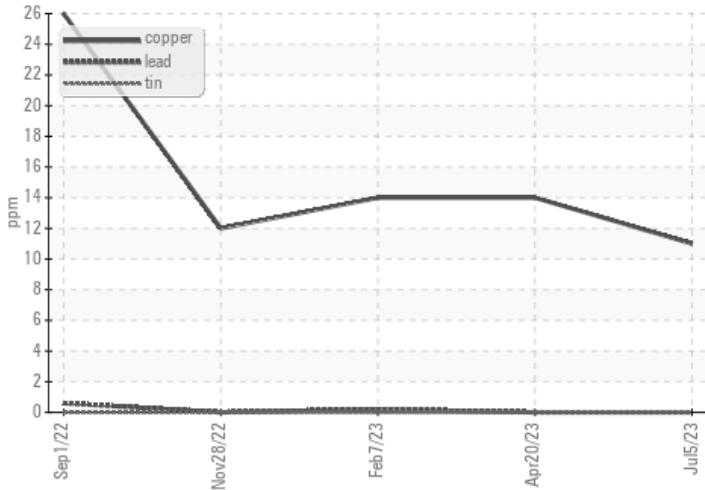


VOLVO GRAPHS

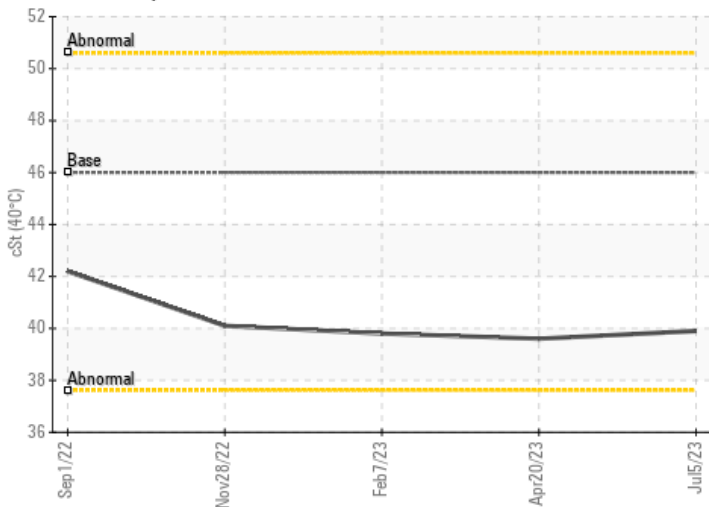
Ferrous Alloys



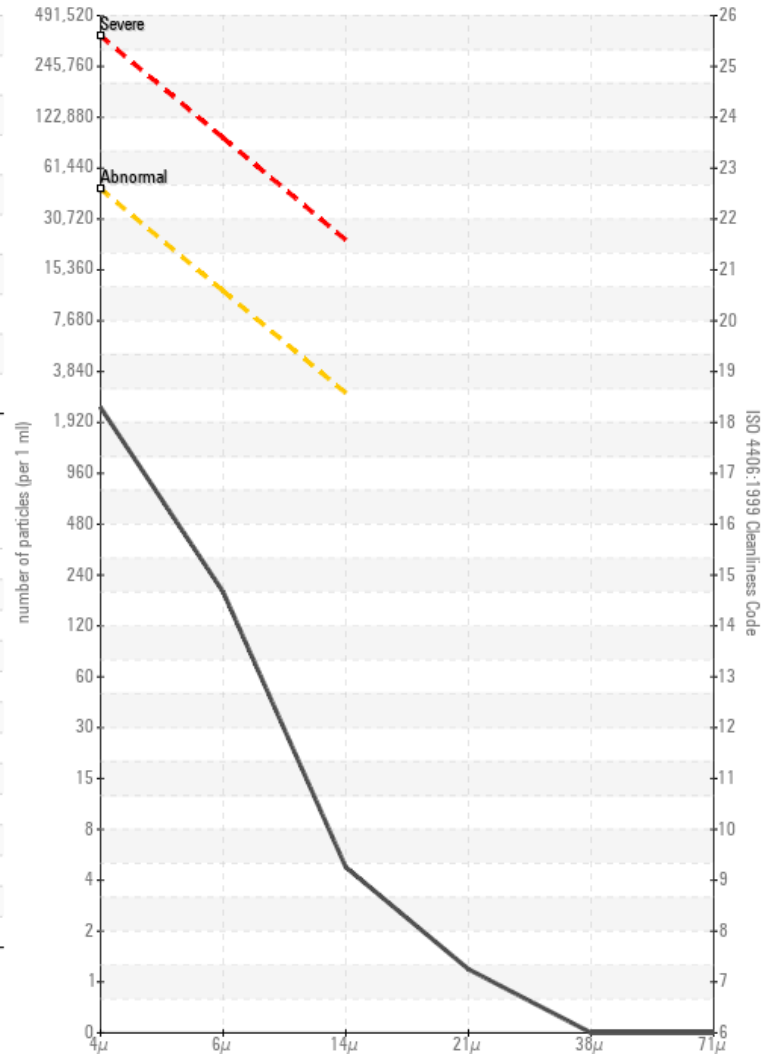
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

