



CONSTRUCTION EQUIPMENT

645894 DIPRO VOLVO A30G 752362 - HYDRAULIC SYSTEM



Sample No: VCP433717
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 645894 DIPRO



SAMPLE INFORMATION

Sample Number	VCP433717	VCP385504	---	---
Sample Date	11 Dec 2023	23 Sep 2022	---	---
Machine Hours	2093	1098	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
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OIL CONDITION

Visc @ 40°C	cSt	43.8	48.1	---	---
Acid Number (AN)	mg KOH/g	0.42	0.29	---	---

CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		3592	1730	---	---
Particles >6µm		488	354	---	---
Particles >14µm		18	20	---	---
ISO 4406:1999 (c)		19/16/11	18/16/11	---	---
Silicon	ppm	3	<1	---	---
Sodium	ppm	2	<1	---	---
Potassium	ppm	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	7	0	---	---
Copper	ppm	5	0	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	73	116	---	---
Magnesium	ppm	0	1	---	---
Zinc	ppm	418	404	---	---
Phosphorus	ppm	328	303	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

Depot: VOLVO2990
Unique No: 10794449
Signed: Wes Davis
Report Date: 20 Dec 2023

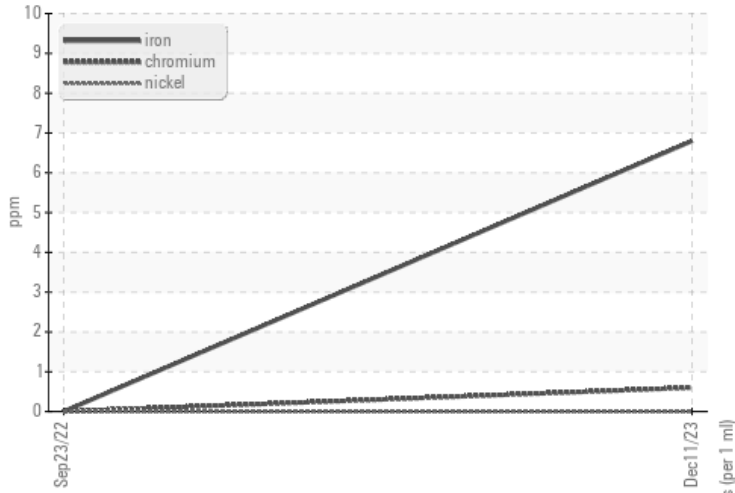


CONSTRUCTION EQUIPMENT

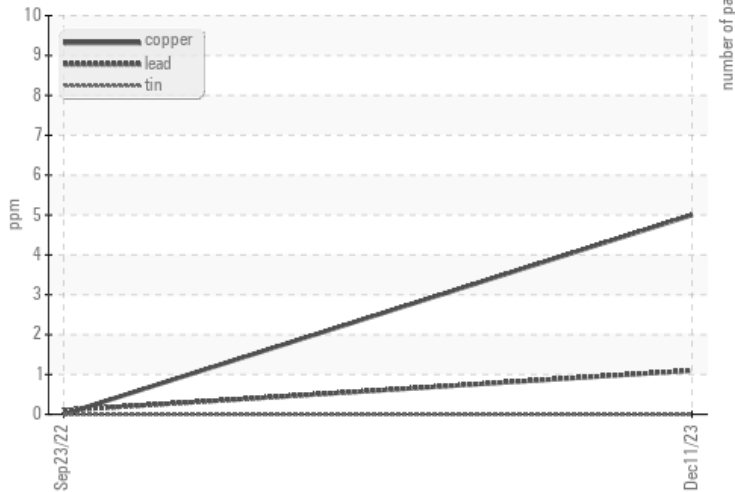


VOLVO GRAPHS

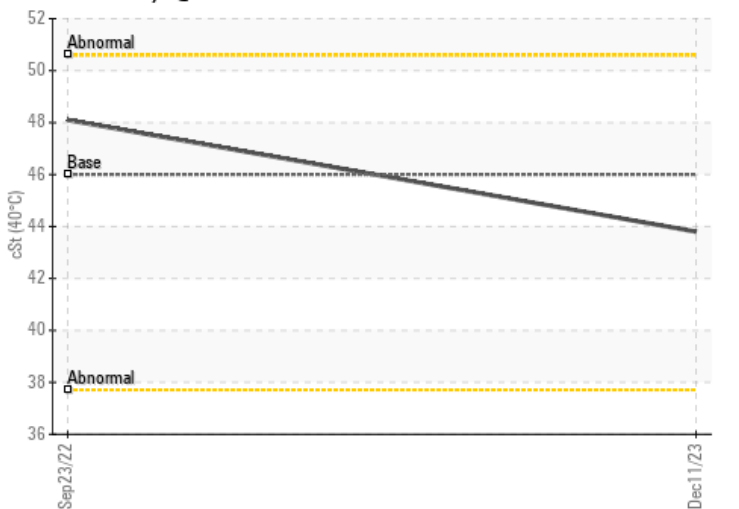
Ferrous Alloys



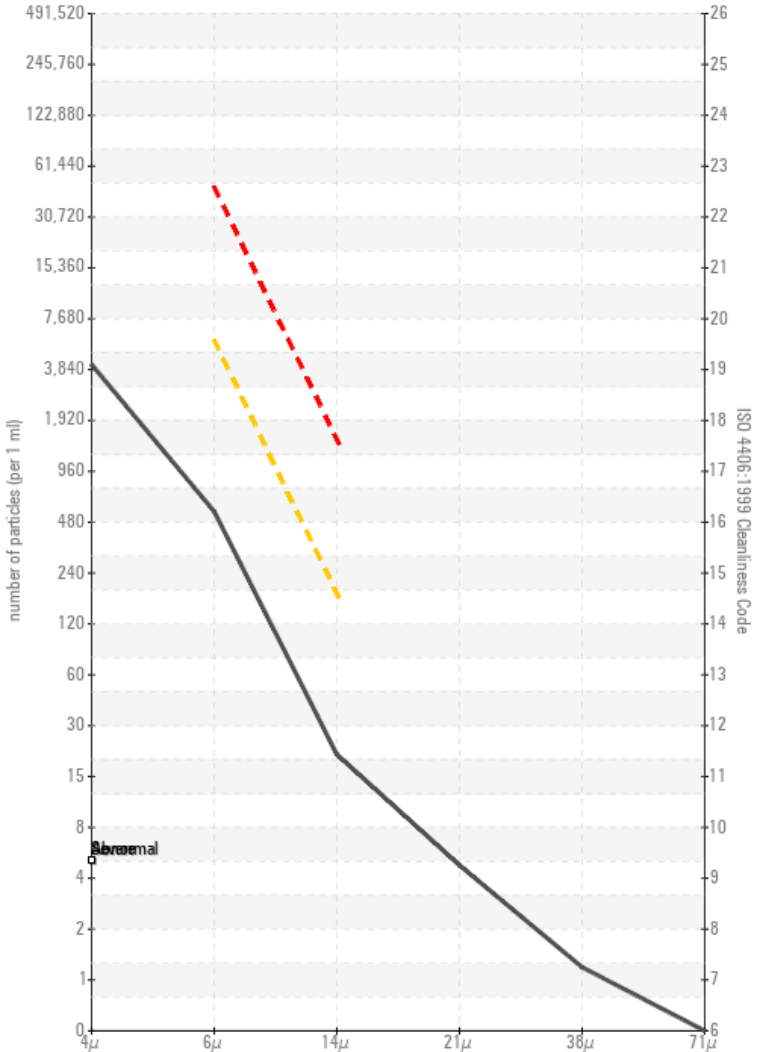
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

