



CONSTRUCTION EQUIPMENT

594282 DIPRO KUBOTA SVL90-2 11834 - HYDRAULIC SYSTEM



Sample No: VCP411901
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 594282 DIPRO



SAMPLE INFORMATION

Sample Number	VCP411901	---	---	---
Sample Date	15 Aug 2023	---	---	---
Machine Hours	1956	---	---	---
Oil Hours	1956	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
 Contact: PAUL CONZ
 paul.conz@altg.com
 T:
 F: (248)356-2029



OIL CONDITION

Visc @ 40°C	cSt	█ 46.2	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.51	---	---	---



CONTAMINATION

Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	● 365	---	---	---
Copper	ppm	█ 32	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1653	---	---	---
Magnesium	ppm	█ 32	---	---	---
Zinc	ppm	█ 737	---	---	---
Phosphorus	ppm	█ 657	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 5	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. We were unable to perform a particle count due to a high concentration of particles present in this sample. The iron level is severe. Component wear metal level(s) high for break in. There is a moderate amount of visible silt present in the sample. The AN level is acceptable for this fluid.

Depot: VOLVO2990
Unique No: 10616757
Signed: Don Baldrige
Report Date: 24 Aug 2023

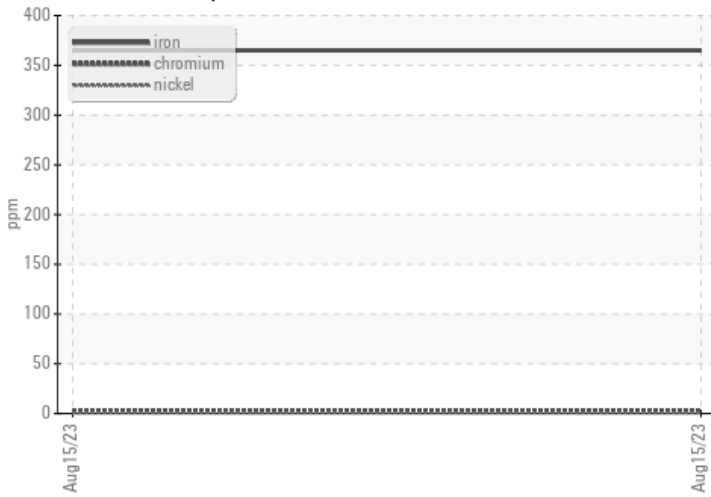


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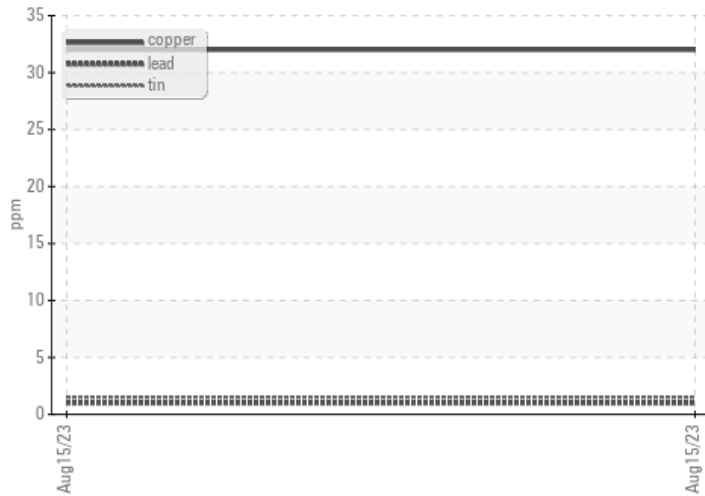


GRAPHS

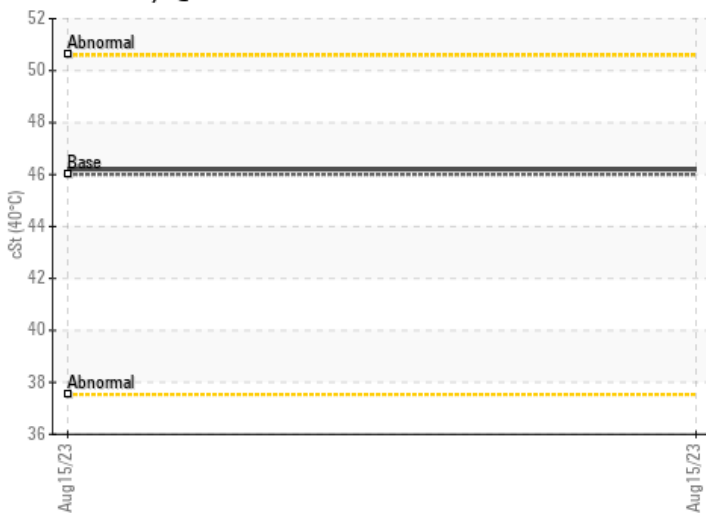
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

