



CONSTRUCTION EQUIPMENT

19014 BLUE RIDGE SAN VOLVO A25G 740351 - HYDRAULIC SYSTEM



Sample No: VCP407166
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 19014 BLUE RIDGE SAN



SAMPLE INFORMATION

Sample Number	VCP407166	---	---	---
Sample Date	26 Jun 2023	---	---	---
Machine Hours	6581	---	---	---
Oil Hours	6581	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

117 - ASCENDUM MACHINERY INC - GREENVILLE
 2002 N GREENE ST
 GREENVILLE, NC
 US 27834
 Contact: BRANDON JENKINS
 BRANDON.JENKINS@ASCENDUMMACHINERY.COM
 T:
 F: (704)494-8197



OIL CONDITION

Visc @ 40°C	cSt	█ 40.1	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.46	---	---	---



CONTAMINATION

Particles >4µm		9577	---	---	---
Particles >6µm		█ 2896	---	---	---
Particles >14µm		▲ 252	---	---	---
ISO 4406:1999 (c)		20/19/15	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate 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	█ 8	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 447	---	---	---
Magnesium	ppm	█ 9	---	---	---
Zinc	ppm	█ 485	---	---	---
Phosphorus	ppm	█ 404	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO8769
Unique No: 10538821
Signed: Don Baldrige
Report Date: 04 Jul 2023

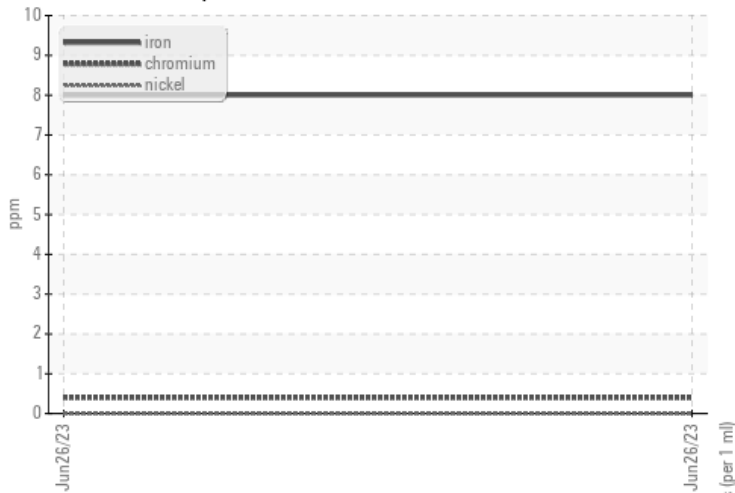


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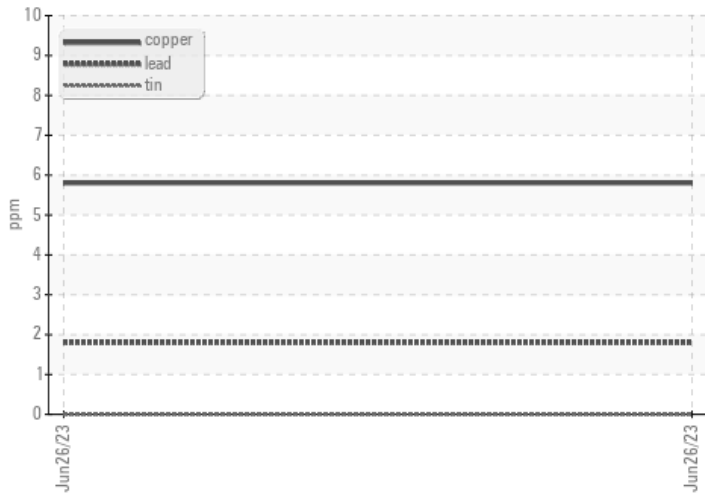


GRAPHS

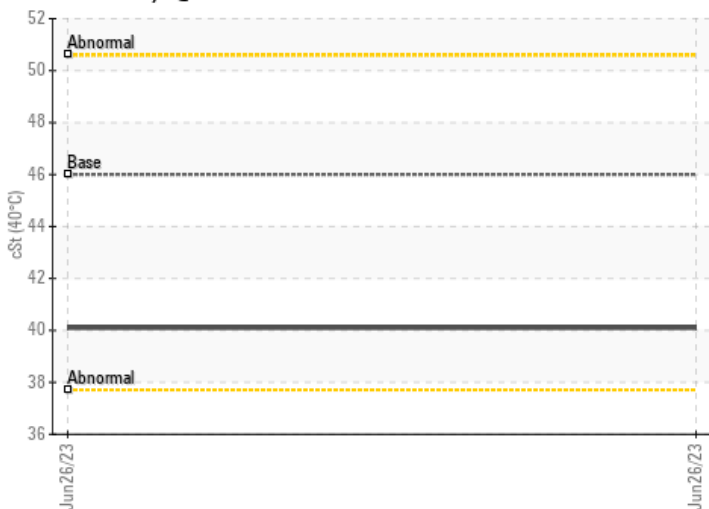
Ferrous Alloys



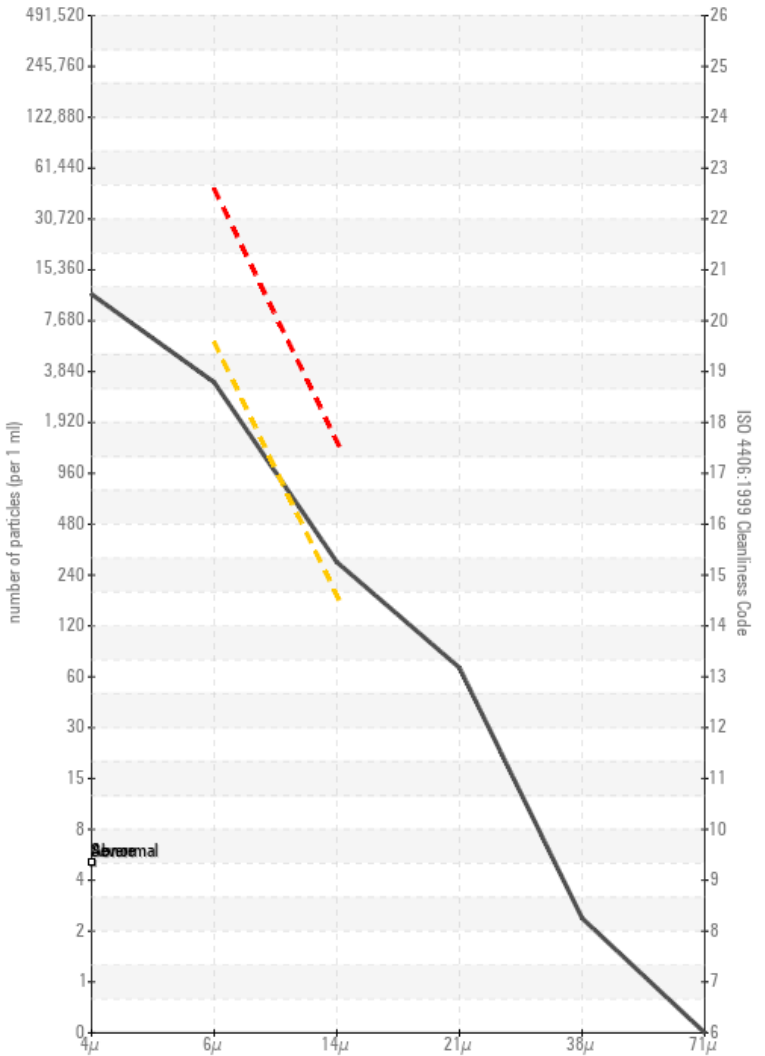
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

