



CONSTRUCTION EQUIPMENT

19095 GAINES RALEIGH VOLVO EC350EL 310871 - HYDRAULIC SYSTEM



Sample No: VCP427415
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 19095 GAINES RALEIGH



SAMPLE INFORMATION

Sample Number	VCP427415	---	---	---
Sample Date	08 Jul 2023	---	---	---
Machine Hours	4953	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
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	█ 44.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.31	---	---	---



CONTAMINATION

Particles >4µm		▲ 42480	---	---	---
Particles >6µm		█ 5198	---	---	---
Particles >14µm		█ 259	---	---	---
ISO 4406:1999 (c)		23/20/15	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

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 silt (particulates < 14 microns in size) 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	█ 14	---	---	---
Copper	ppm	█ 50	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 549	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 519	---	---	---
Phosphorus	ppm	█ 440	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO8769
Unique No: 10552603
Signed: Don Baldrige
Report Date: 14 Jul 2023

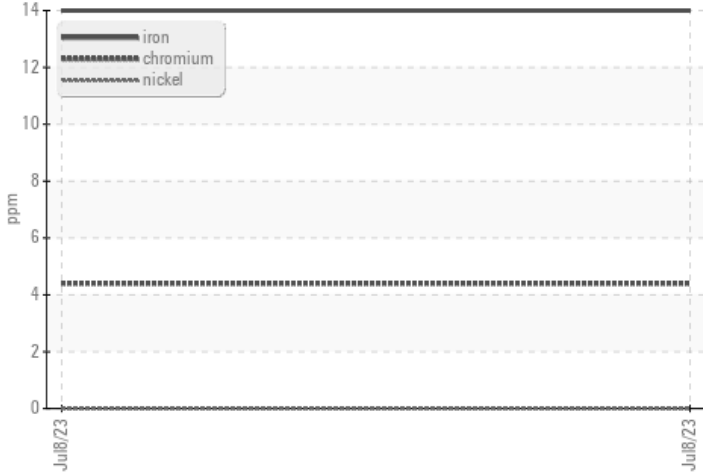


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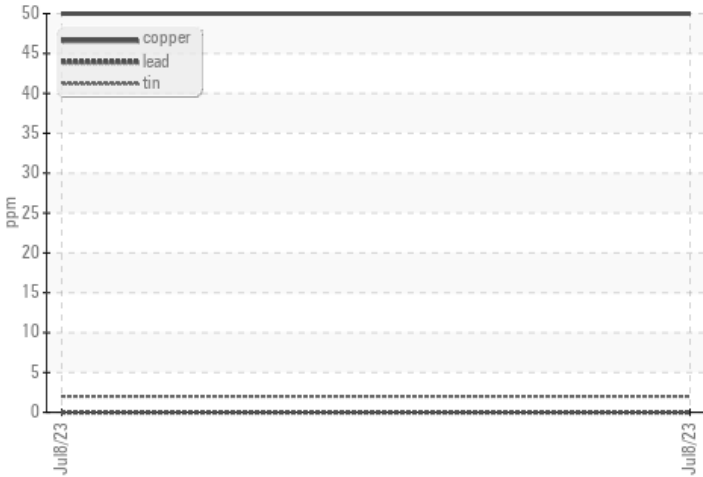


VOLVO GRAPHS

Ferrous Alloys



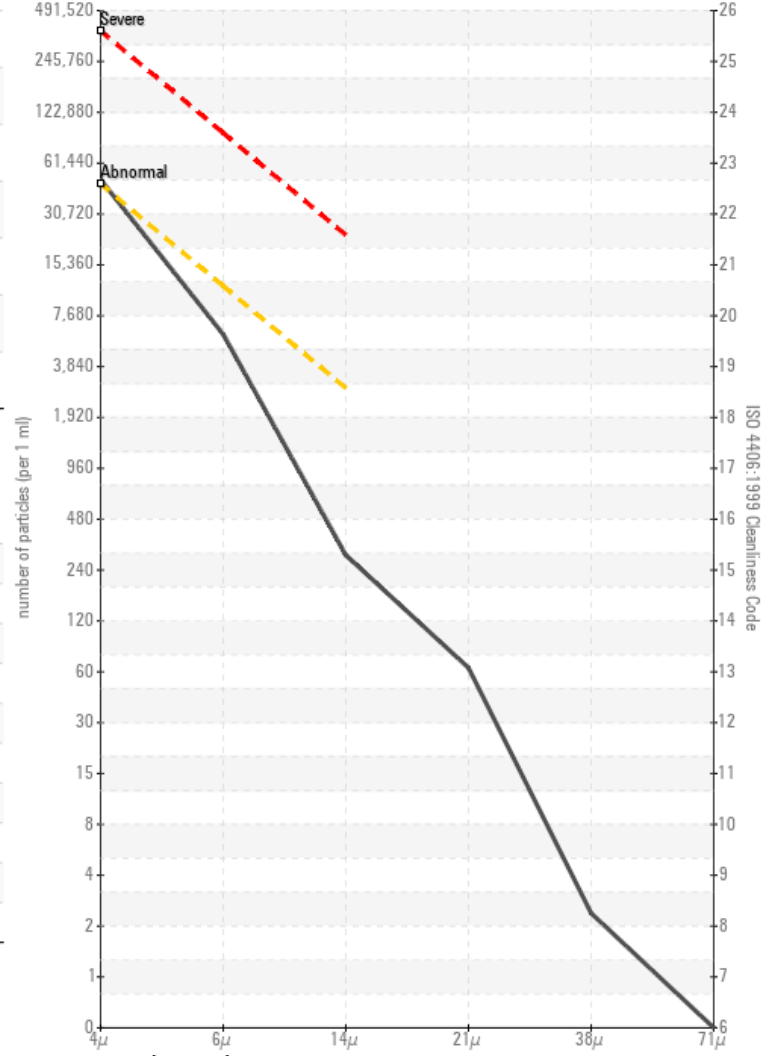
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

