



CONSTRUCTION EQUIPMENT

19871 TGP VOLVO EC250EL 310539 - HYDRAULIC SYSTEM



Sample No: VCP441553
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 19871 TGP



SAMPLE INFORMATION

Sample Number	VCP441553	---	---	---
Sample Date	12 Oct 2023	---	---	---
Machine Hours	5406	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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 GREENVILLE, NC
 US 27834
 Contact: BRANDON JENKINS
 BRANDON.JENKINS@ASCENDUMMACHINERY.COM
 T:
 F: (704)494-8197



OIL CONDITION

Visc @ 40°C	cSt	█ 42.8	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.52	---	---	---



CONTAMINATION

Particles >4µm		█ 7567	---	---	---
Particles >6µm		█ 113	---	---	---
Particles >14µm		█ 9	---	---	---
ISO 4406:1999 (c)		20/14/10	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid.



WEAR METALS

Iron	ppm	█ 23	---	---	---
Copper	ppm	█ 28	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 168	---	---	---
Magnesium	ppm	█ 80	---	---	---
Zinc	ppm	█ 550	---	---	---
Phosphorus	ppm	█ 408	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ <1	---	---	---

Depot: VOLVO8769
Unique No: 10701970
Signed: Angela Borella
Report Date: 23 Oct 2023

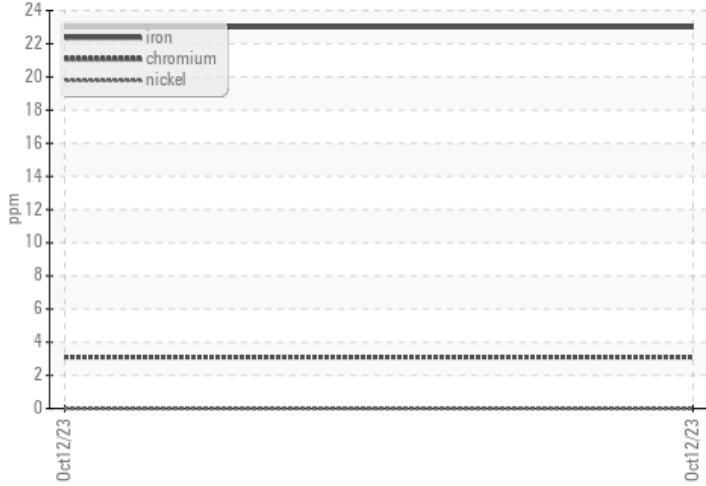


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VOLVO GRAPHS

Ferrous Alloys



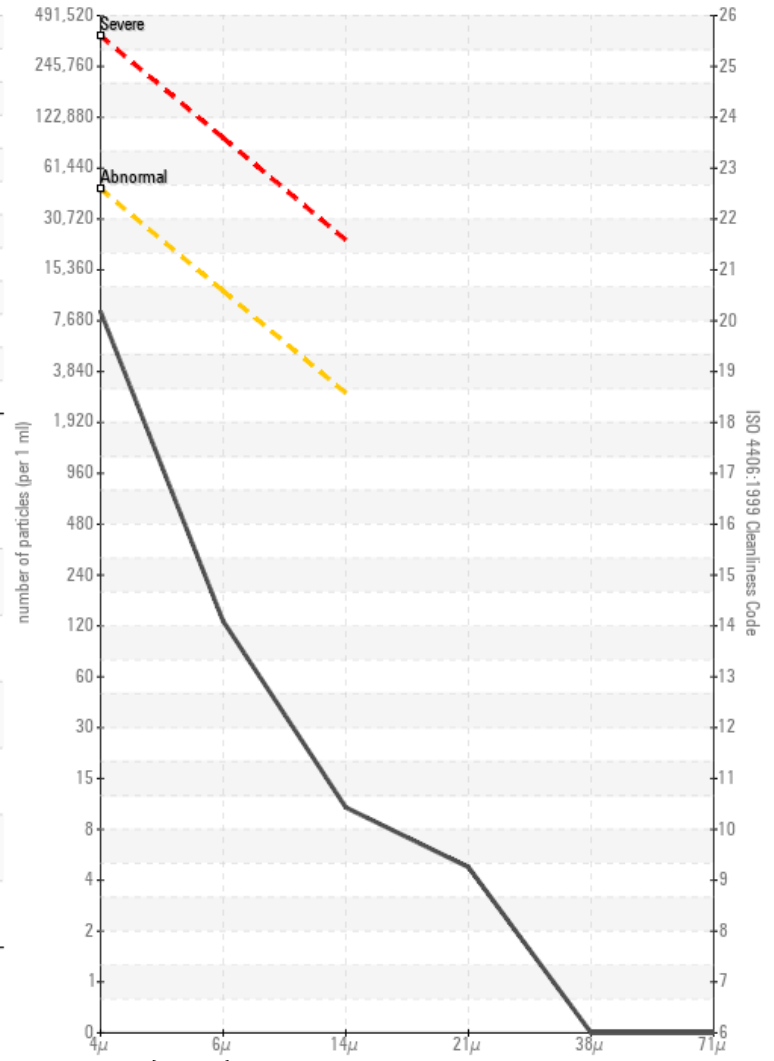
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

