



CONSTRUCTION EQUIPMENT

RSO-033963 MIDSOUTH VOLVO EC480EL 315025 - HYDRAULIC SYSTEM



Sample No: VCP383078
Oil Type: {unknown}
Job No: RSO-033963 MIDSOUTH



SAMPLE INFORMATION

Sample Number	VCP383078	---	---	---
Sample Date	09 May 2023	---	---	---
Machine Hours	526	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

MIDSOUTH PAVING INC

750 CLOW RD
 BIRMINGHAM, AL
 US 35217

Contact: CHRIS MCCOY
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OIL CONDITION

Visc @ 40°C	cSt	█ 43.6	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.46	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 8326	---	---	---
Particles >6µm		█ 710	---	---	---
Particles >14µm		█ 24	---	---	---
ISO 4406:1999 (c)		20/17/12	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	█ 4	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	140	---	---	---
Magnesium	ppm	21	---	---	---
Zinc	ppm	493	---	---	---
Phosphorus	ppm	367	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	2	---	---	---

Depot: APABIR
Unique No: 10469547
Signed: Wes Davis
Report Date: 15 May 2023

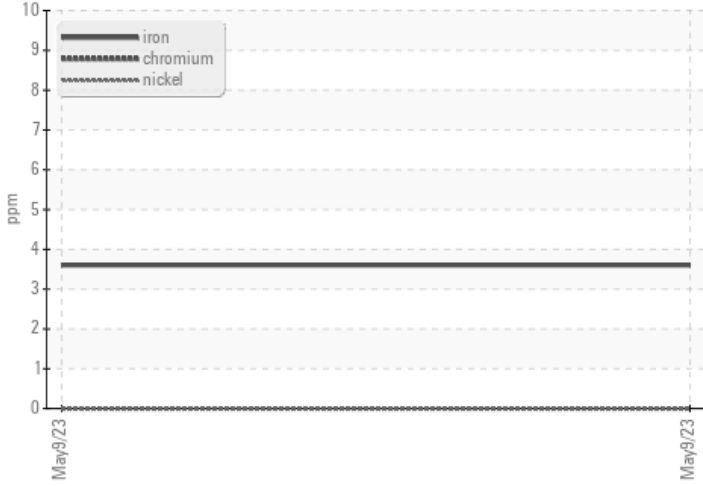


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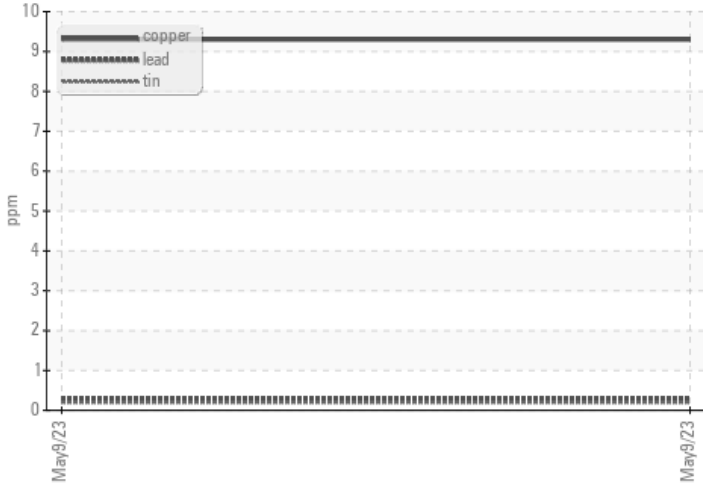


GRAPHS

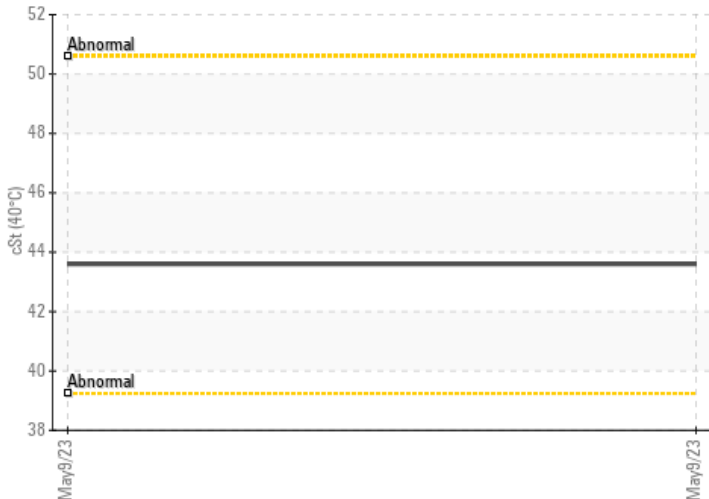
Ferrous Alloys



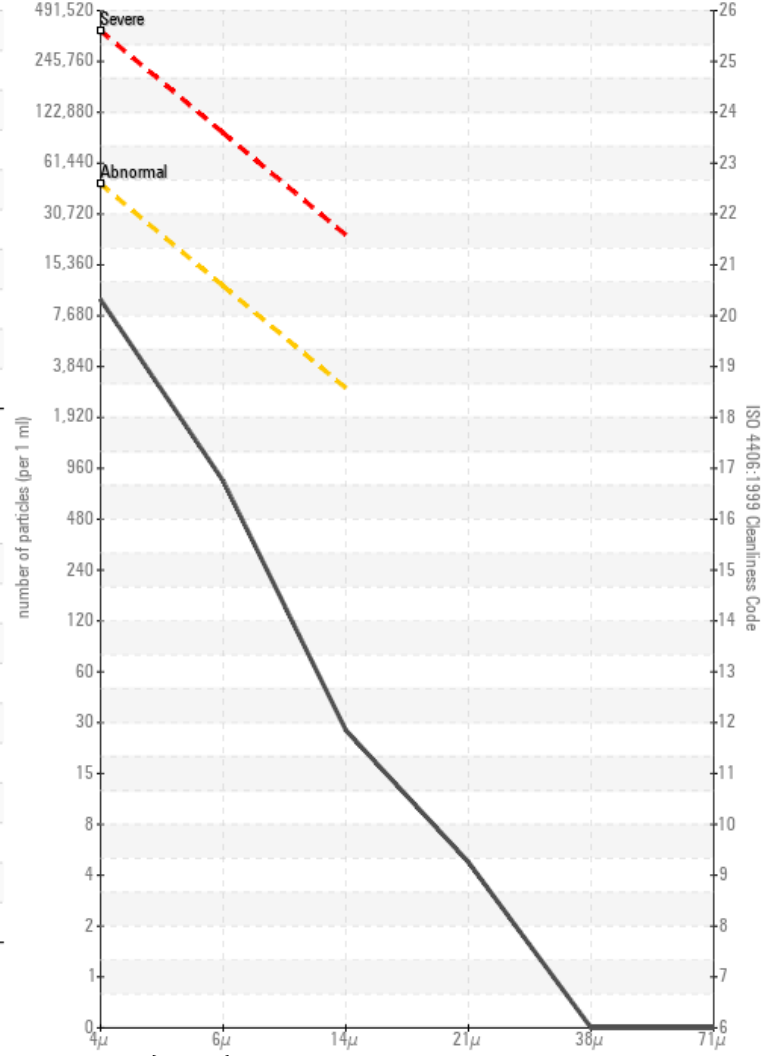
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

