



CONSTRUCTION EQUIPMENT

X11176 RICHARD DRAVE CASE 650M MC100923 - HYDRAULIC SYSTEM



Sample No: VCP444119
Oil Type: CASE N DRUM PREMIUM HYDRAULIC OIL AW 46
Job No: X11176 RICHARD DRAVE



SAMPLE INFORMATION

Sample Number	VCP444119	---	---	---
Sample Date	21 Feb 2024	---	---	---
Machine Hours	286	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

SCOTT EQUIPMENT COMPANY LLC - Texarkana
 5401 SANDERSON LANE
 TEXARKANA, AR
 US 71854
 Contact: JAMES DOSS
 jdoss@scottcompanies.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	■ 51.7	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.97	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 34455	---	---	---
Particles >6µm		▲ 4932	---	---	---
Particles >14µm		▲ 301	---	---	---
ISO 4406:1999 (c)		22/19/15	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 2	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 48	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 781	---	---	---
Magnesium	ppm	■ 296	---	---	---
Zinc	ppm	■ 661	---	---	---
Phosphorus	ppm	■ 569	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 37	---	---	---

Depot: VOLVO1034
Unique No: 10901128
Signed: Don Baldrige
Report Date: 01 Mar 2024

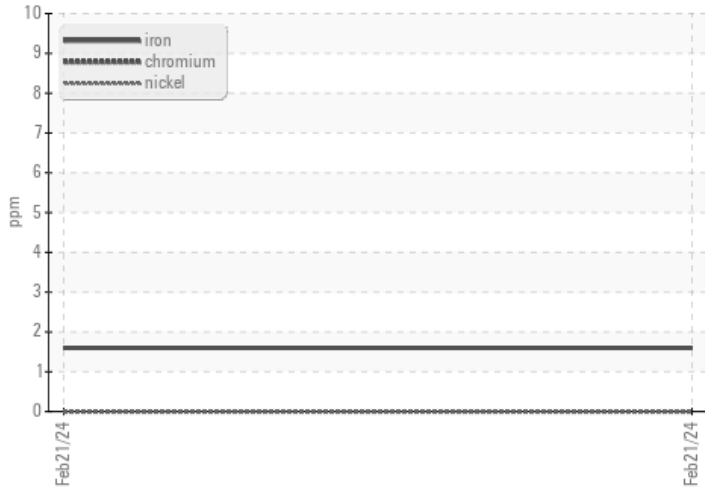


CONSTRUCTION EQUIPMENT

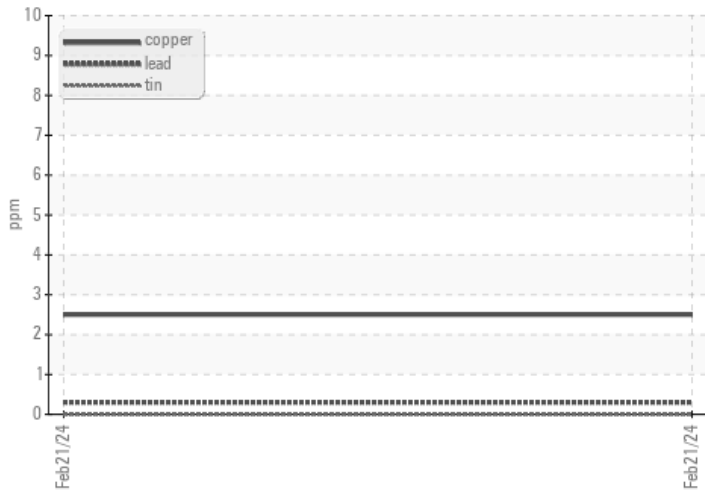


GRAPHS

Ferrous Alloys



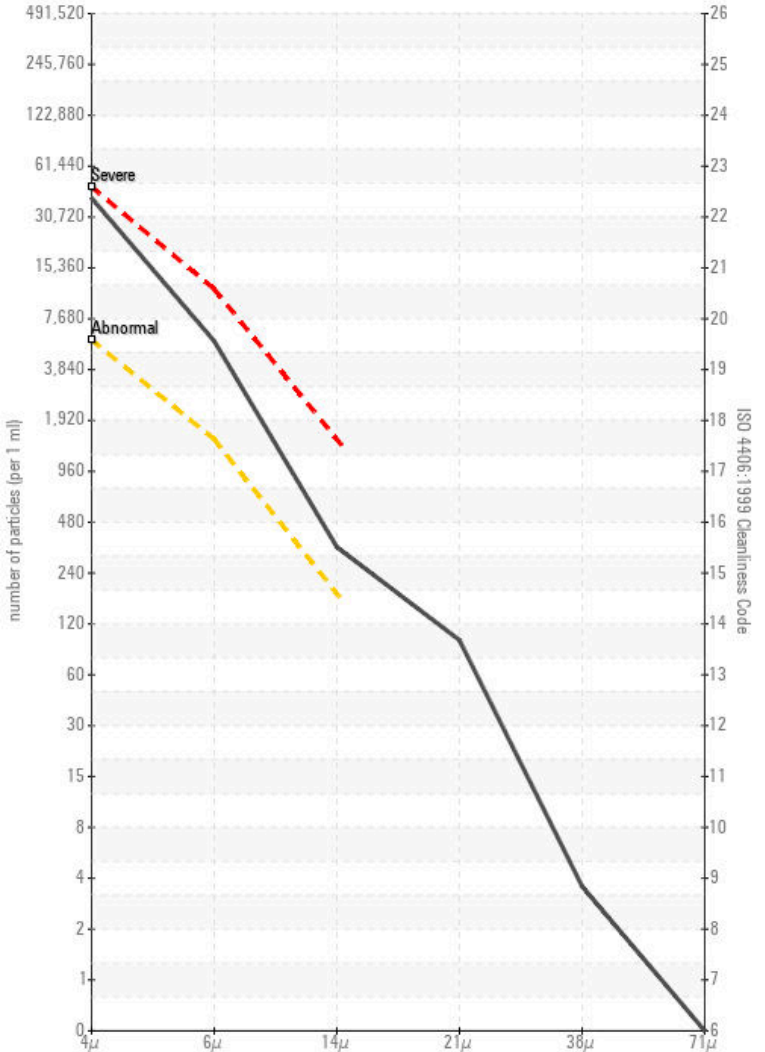
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

