



CONSTRUCTION EQUIPMENT

X39607 3148 - HYDRAULIC SYSTEM



Sample No: VCP433097
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: X39607



SCOTT EQUIPMENT COMPANY LLC - Baton Rouge
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 F: (225)292-9658



SAMPLE INFORMATION

Sample Number	VCP433097	---	---	---
Sample Date	03 Jul 2024	---	---	---
Machine Hours	7028	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 41.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.27	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 283350	---	---	---
Particles >6µm		▲ 176554	---	---	---
Particles >14µm		▲ 5999	---	---	---
ISO 4406:1999 (c)		25/25/20	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 382	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 551	---	---	---
Phosphorus	ppm	█ 430	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 7	---	---	---

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.

Depot: VOLVO6242
Unique No: 11116699
Signed: Don Baldrige
Report Date: 12 Jul 2024

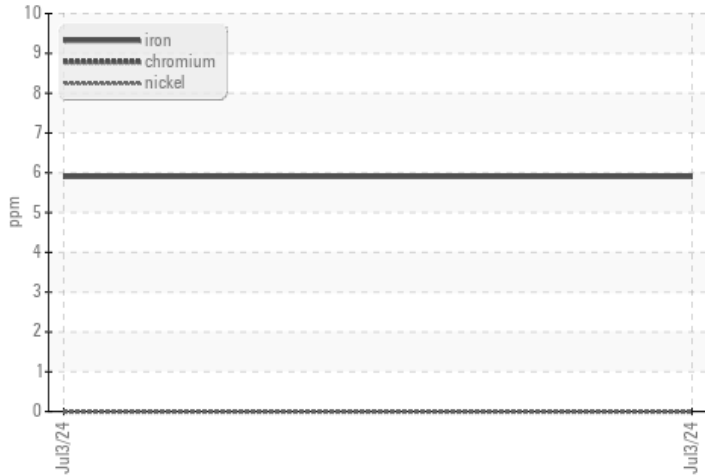


CONSTRUCTION EQUIPMENT

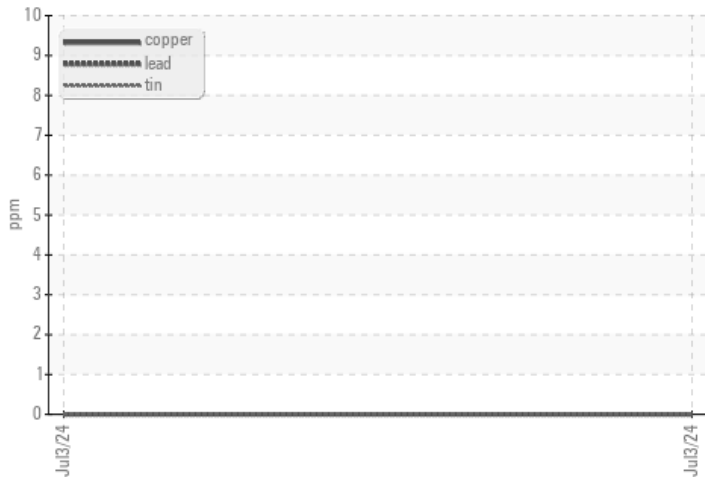


GRAPHS

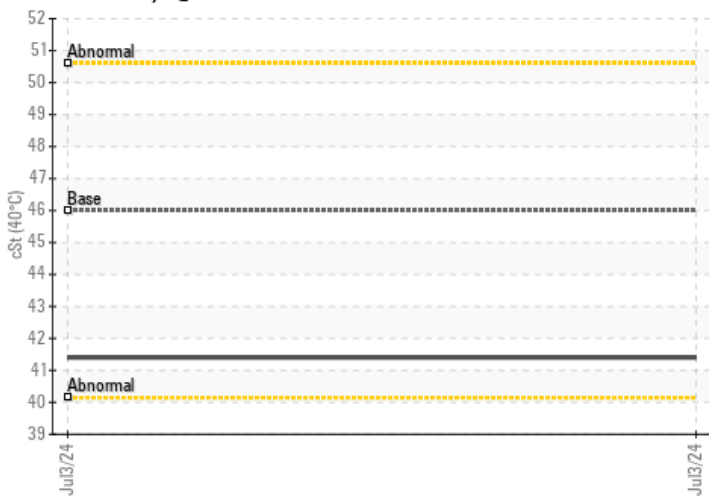
Ferrous Alloys



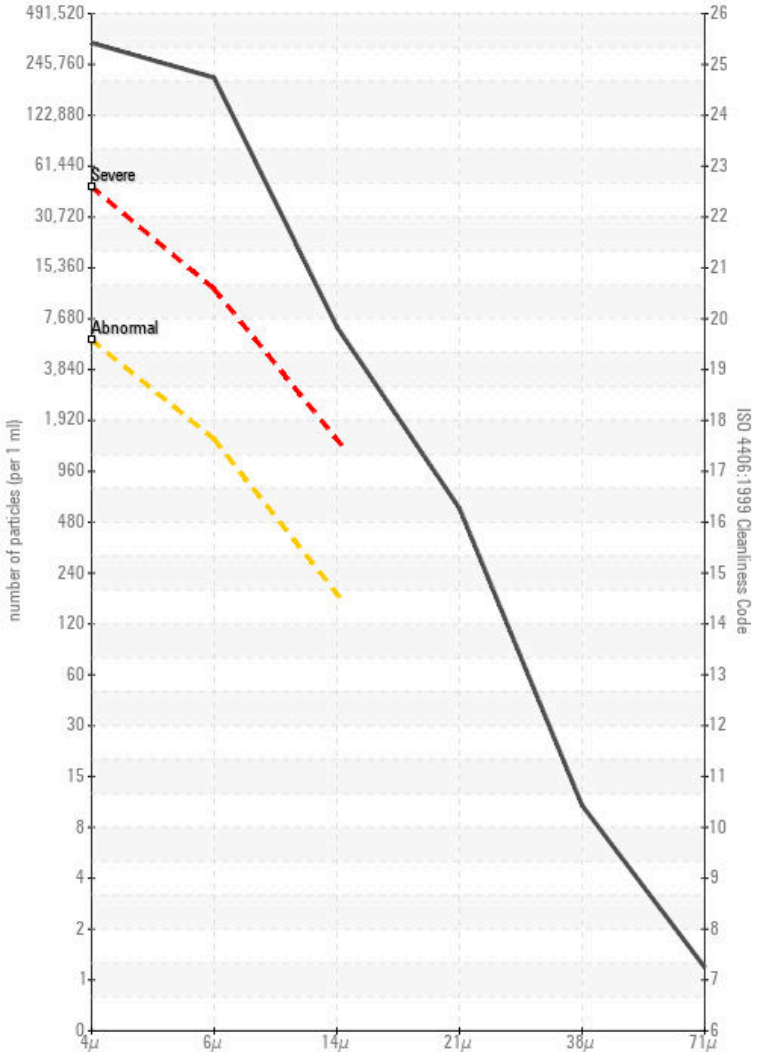
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

