



CONSTRUCTION EQUIPMENT

X47827 VOLVO A25G 752401 - HYDRAULIC SYSTEM



Sample No: VCP414771
Oil Type: GEAR OIL SAE 80W90
Job No: X47827



SAMPLE INFORMATION

Sample Number	VCP414771	---	---	---
Sample Date	10 Oct 2023	---	---	---
Machine Hours	2858	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

SCOTT EQUIPMENT COMPANY LLC - Lake Charles
 PO BOX 16955
 LAKE CHARLES, LA
 US 70616
 Contact: TINA LEDOUX
 tledoux@scottcompanies.com
 T: (337)433-9811
 F: (318)433-6623



OIL CONDITION

Visc @ 40°C	cSt	43.1	---	---	---
Acid Number (AN)	mg KOH/g	0.42	---	---	---



CONTAMINATION

Particles >4µm		7545	---	---	---
Particles >6µm		1775	---	---	---
Particles >14µm		76	---	---	---
ISO 4406:1999 (c)		20/18/13	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	2	---	---	---
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. There is no indication of any contamination 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	9	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	78	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	368	---	---	---
Phosphorus	ppm	289	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Depot: VOLVO6244
Unique No: 10696839
Signed: Don Baldrige
Report Date: 17 Oct 2023

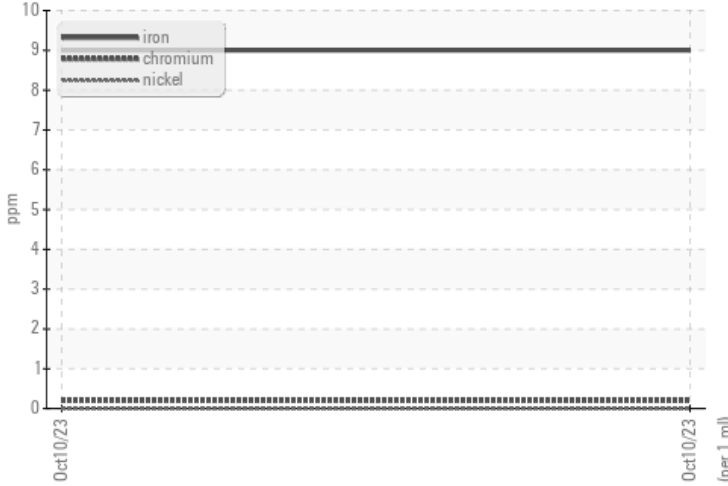


CONSTRUCTION EQUIPMENT

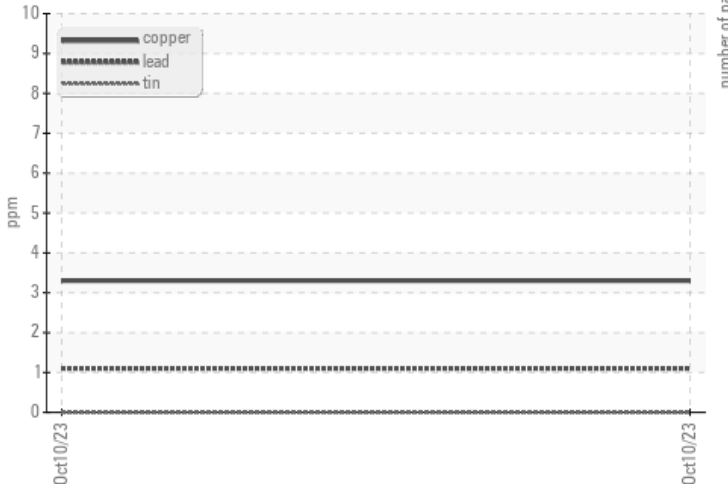


VOLVO GRAPHS

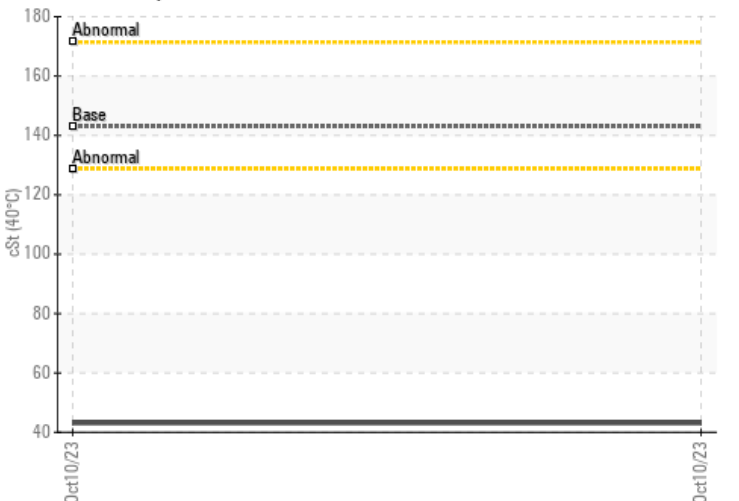
Ferrous Alloys



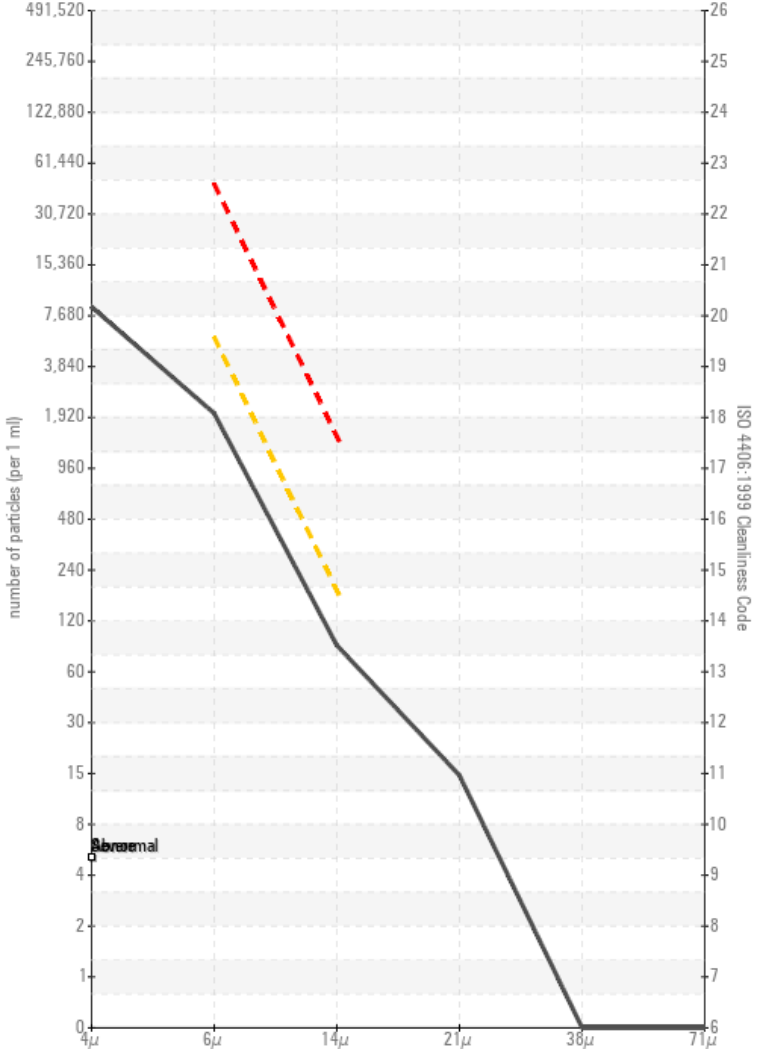
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

