



CONSTRUCTION EQUIPMENT

X28349 CASE CX350D 7P1816 - HYDRAULIC SYSTEM



Sample No: VCP381321
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: X28349



SAMPLE INFORMATION

Sample Number	VCP381321	---	---	---
Sample Date	22 Sep 2023	---	---	---
Machine Hours	1727	---	---	---
Oil Hours	1727	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

SCOTT EQUIPMENT COMPANY LLC - Shreveport
 945 NORTH MARKET STREET
 SHREVEPORT, LA
 US 71107-6744
 Contact: MARILYN TIDWELL
 mtidwell@scottcompanies.com
 T:
 F: (318)677-2493



OIL CONDITION

Visc @ 40°C	cSt	█ 41.6	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.35	---	---	---



CONTAMINATION

Particles >4µm		▲ 6887	---	---	---
Particles >6µm		█ 579	---	---	---
Particles >14µm		█ 56	---	---	---
ISO 4406:1999 (c)		20/16/13	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present 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	█ 5	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	< 1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ < 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 119	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 299	---	---	---
Phosphorus	ppm	█ 296	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ < 1	---	---	---

Depot: VOLVO2603
Unique No: 10669407
Signed: Don Baldrige
Report Date: 28 Sep 2023

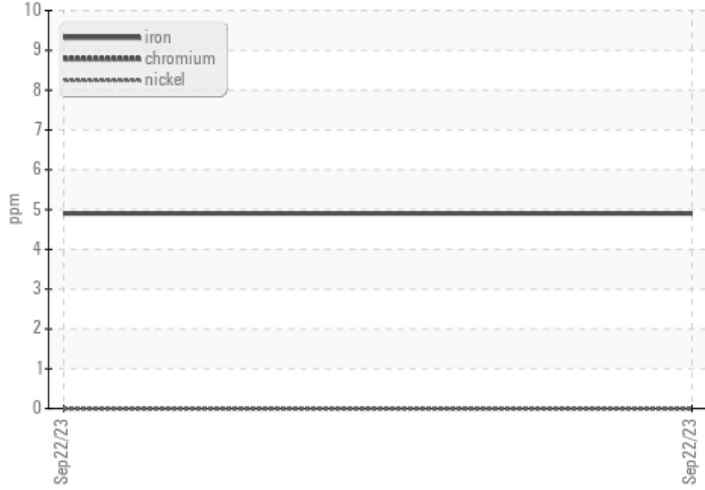


CONSTRUCTION EQUIPMENT

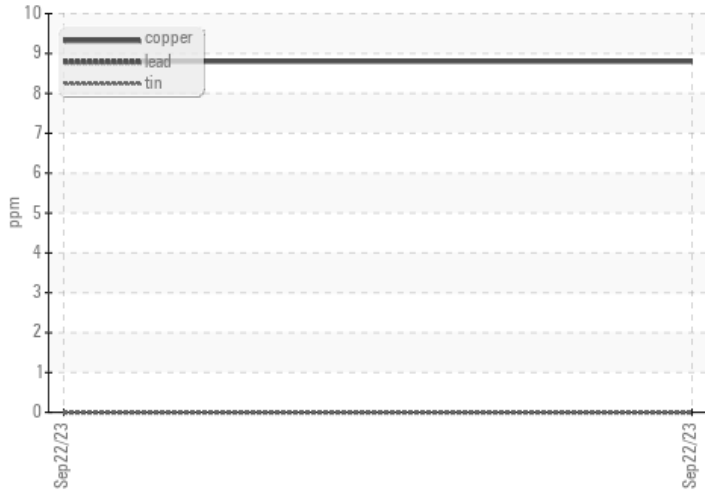


GRAPHS

Ferrous Alloys



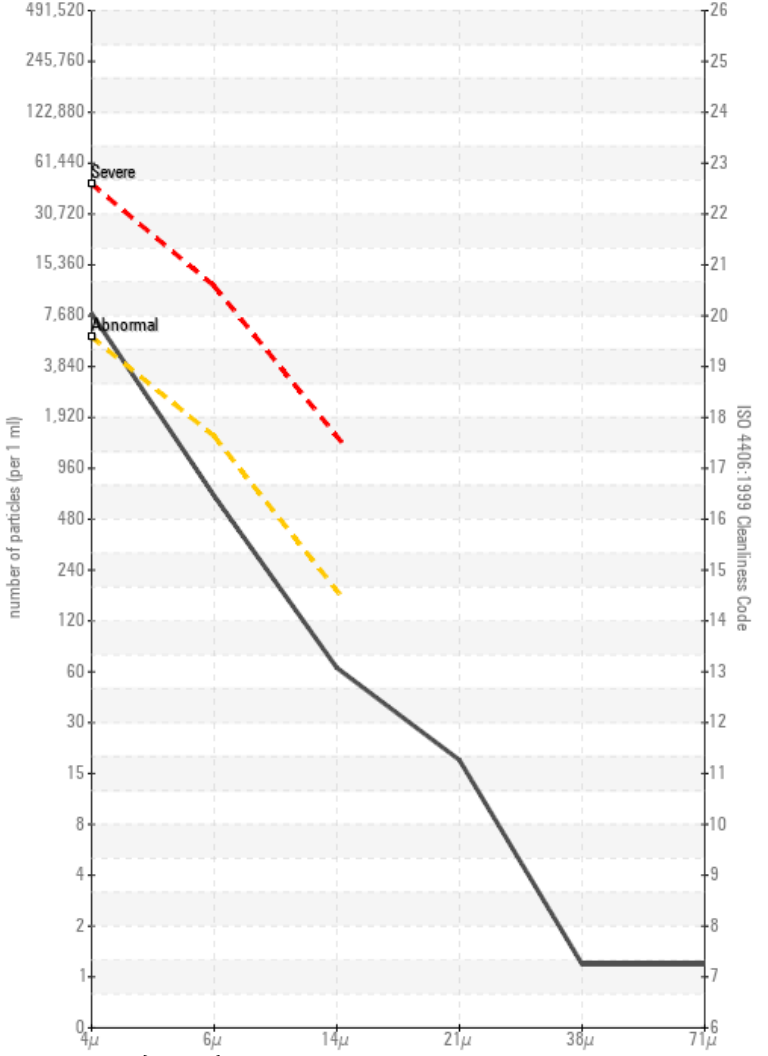
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

