



CONSTRUCTION EQUIPMENT

SPM620962 JLG 300215858 - HYDRAULIC SYSTEM



Sample No: VCP429718
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM620962



SAMPLE INFORMATION

Sample Number	VCP429718	---	---	---
Sample Date	20 Oct 2023	---	---	---
Machine Hours	2497	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

AJAX ENTERPRISES OF MICHIGAN LLC
 830 KIRTS
 TROY, MI
 US 48084
 Contact: SERVICE MANAGER

OIL CONDITION

Visc @ 40°C	cSt	■ 44.1	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.31	---	---	---

T: (248)244-3300
 F:

CONTAMINATION

Particles >4µm		▲ 24338	---	---	---
Particles >6µm		▲ 2587	---	---	---
Particles >14µm		■ 41	---	---	---
ISO 4406:1999 (c)		22/19/13	---	---	---
Silicon	ppm	■ 1	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

The filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. 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 oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

WEAR METALS

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

ADDITIVES

Calcium	ppm	■ 95	---	---	---
Magnesium	ppm	■ 12	---	---	---
Zinc	ppm	■ 421	---	---	---
Phosphorus	ppm	■ 336	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 2	---	---	---

Depot: AJATRO
Unique No: 10714240
Signed: Wes Davis
Report Date: 30 Oct 2023



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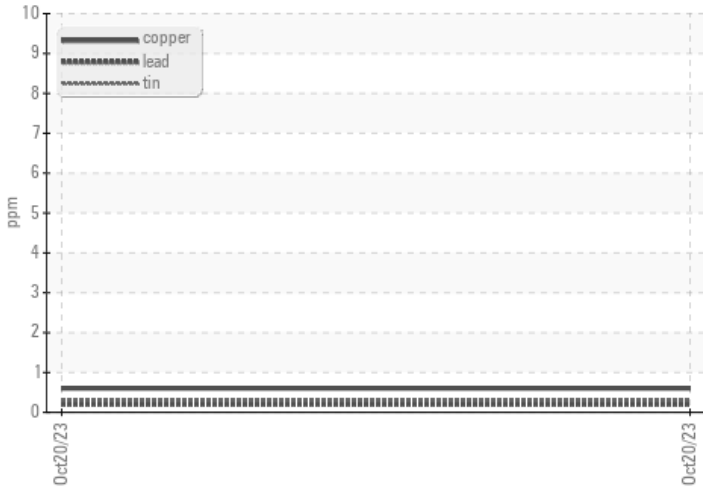


VOLVO GRAPHS

Ferrous Alloys



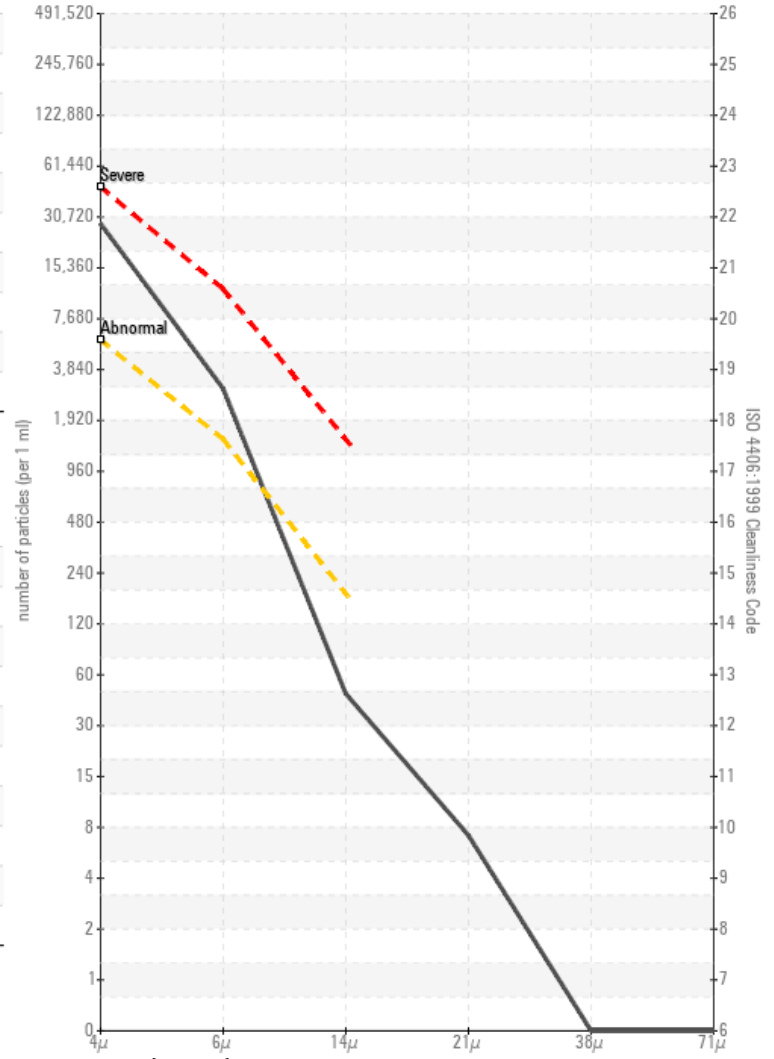
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

