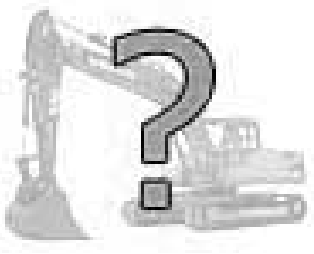
CONSTRUCTION EQUIPMENT
SPM620964 GENNIE 13098 - HYDRAULIC SYSTEM

Sample No: VCP428540
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM620964



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

T: (248)244-3300
F:

SAMPLE INFORMATION

Sample Number		**VCP428540**	---	---	---
Sample Date		**23 Oct 2023**	---	---	---
Machine Hours		**2423**	---	---	---
Oil Hours		**0**	---	---	---
Oil Changed		**Changed**	---	---	---
Sample Status		**ATTENTION**	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	**45.9**	---	---	---
Acid Number (AN)	mg KOH/g	**0.99**	---	---	---

CONTAMINATION

Particles >4µm		**4824**	---	---	---
Particles >6µm		**1493**	---	---	---
Particles >14µm		**216**	---	---	---
ISO 4406:1999 (c)		**19/18/15**	---	---	---
Silicon	ppm	**2**	---	---	---
Sodium	ppm	**2**	---	---	---
Potassium	ppm	**0**	---	---	---

WEAR METALS

Iron	ppm	**1**	---	---	---
Copper	ppm	**<1**	---	---	---
Lead	ppm	**<1**	---	---	---
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	**1453**	---	---	---
Magnesium	ppm	**8**	---	---	---
Zinc	ppm	**771**	---	---	---
Phosphorus	ppm	**696**	---	---	---
Barium	ppm	**0**	---	---	---
Boron	ppm	**0**	---	---	---

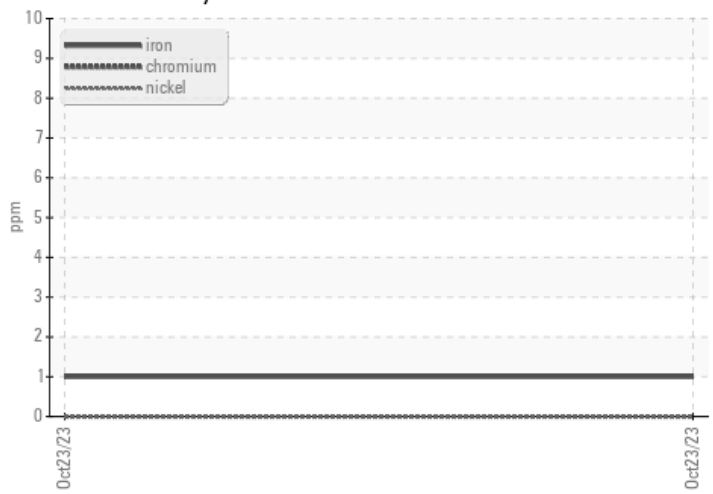
Diagnosis

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

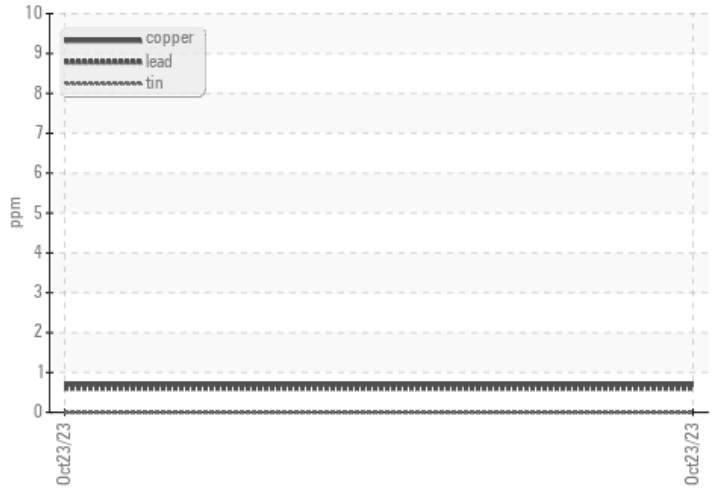
Depot: AJATRO
Unique No: 10727346
Signed: Don Baldridge
Report Date: 07 Nov 2023

GRAPHS

Ferrous Alloys

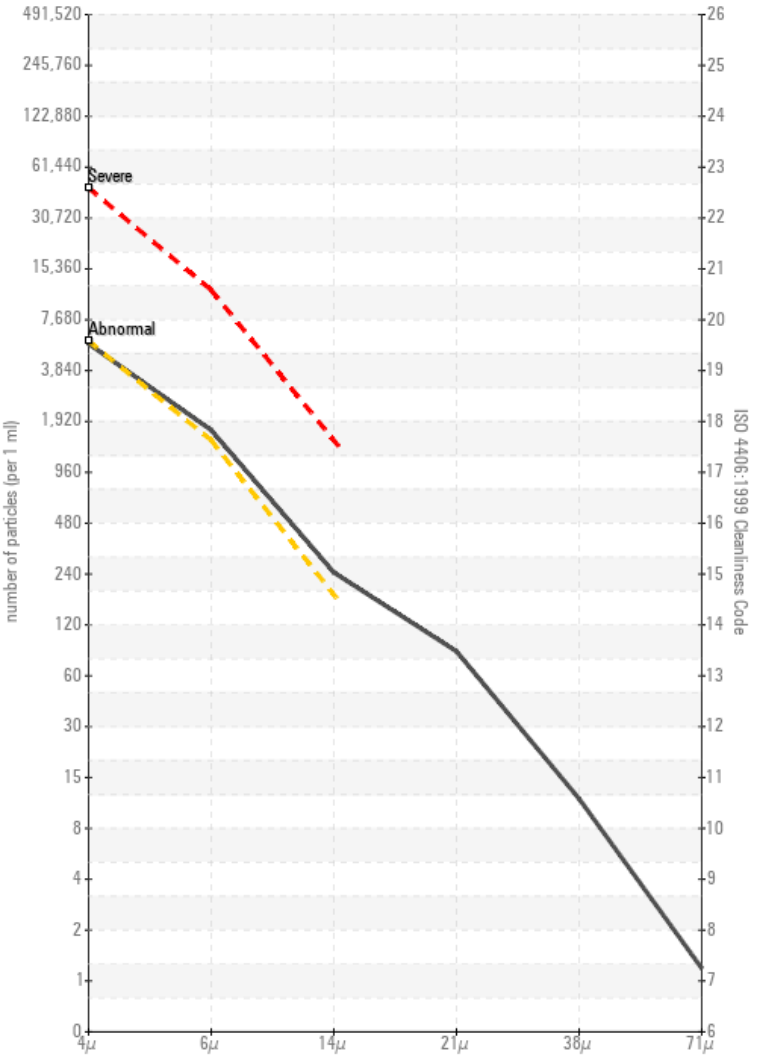


Non-ferrous Metals



Viscosity @ 40°C

Particle Count



Acid Number