



CONSTRUCTION EQUIPMENT

R24070 KENVIL CRANE GROVE 5250 5250-9532 - HYDRAULIC SYSTEM



Sample No: VCP436552
Oil Type: AW HYDRAULIC OIL ISO 32
Job No: R24070 KENVIL CRANE



SAMPLE INFORMATION

Sample Number	VCP436552	---	---	---
Sample Date	09 Jan 2024	---	---	---
Machine Hours	2844	---	---	---
Oil Hours	2844	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

HOFFMAN EQUIPMENT INC
300 S RANDOLPHVILLE RD
PISCATAWAY, NJ
US 08854
Contact: IOANA BODOCHI
ioana.bodochi@hoffmanequip.com
T:
F: (732)968-8371



OIL CONDITION

Visc @ 40°C	cSt	█ 30.6	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.45	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 701	---	---	---
Particles >6µm		█ 171	---	---	---
Particles >14µm		█ 20	---	---	---
ISO 4406:1999 (c)		17/15/11	---	---	---
Silicon	ppm	█ <1	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 52	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 481	---	---	---
Phosphorus	ppm	█ 399	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: HOFPISNJ
Unique No: 10833974
Signed: Wes Davis
Report Date: 18 Jan 2024

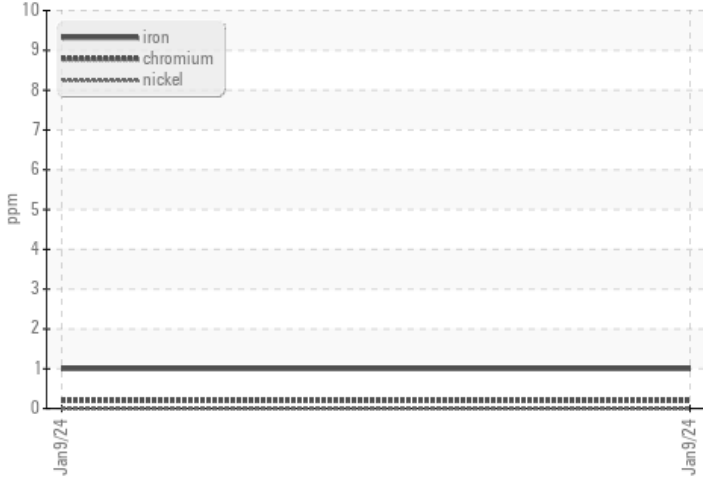


CONSTRUCTION EQUIPMENT

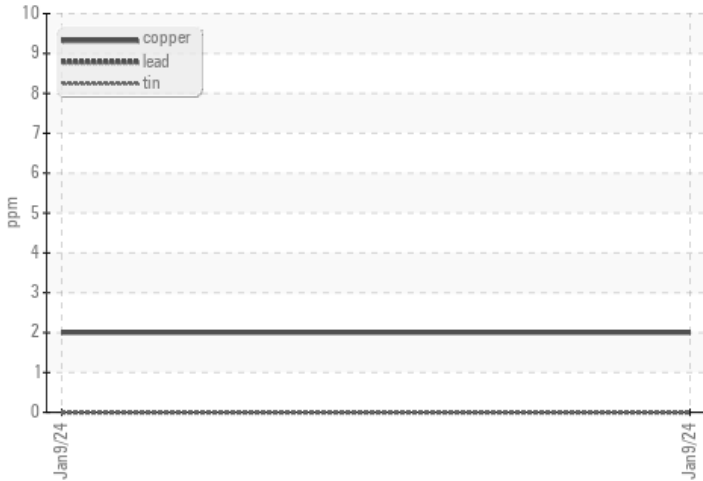


GRAPHS

Ferrous Alloys



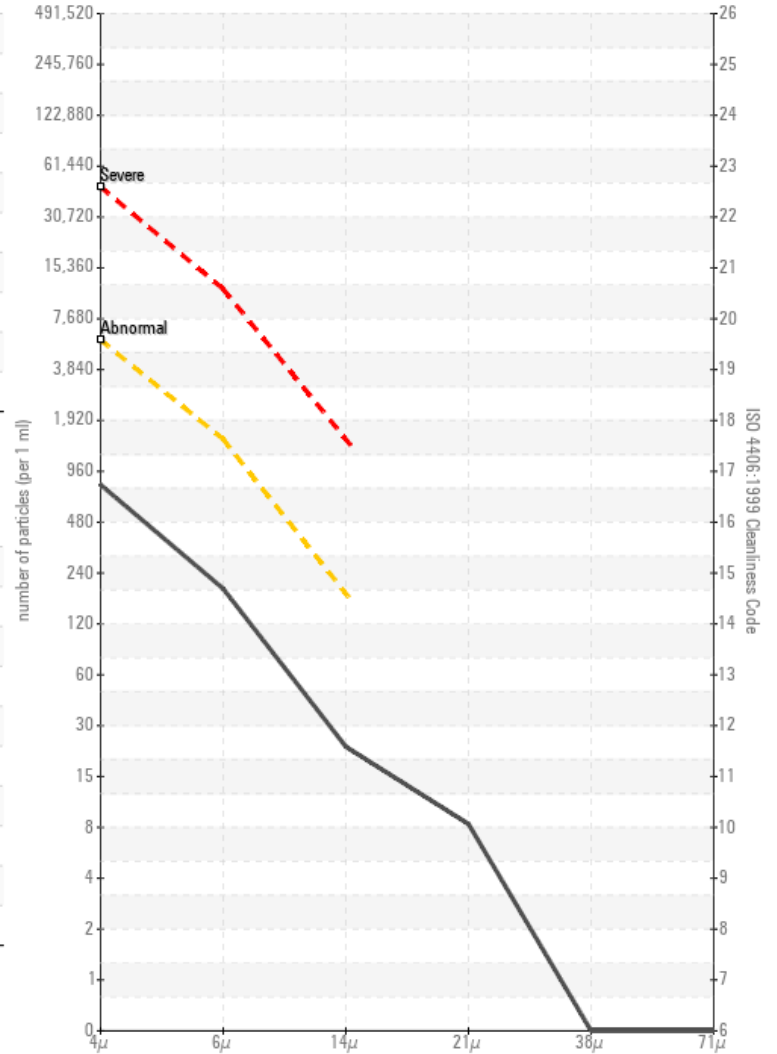
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

