

LIEBHERR

CONSTRUCTION EQUIPMENT



[[KENVIL CRANE]] GROVE 5250 5250-9532 - CARRIER - Hydraulic

Sample No: LHMC101036

Oil Type: AW HYDRAULIC OIL ISO 32



SAMPLE INFORMATION

Sample Number	LHMC101036	---	---	---
Sample Date	16 Jan 2024	---	---	---
Machine Hours	2844	---	---	---
Oil Hours	2844	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

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	32.4	---	---	---
Acid Number (AN)	mg KOH/g	0.50	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		5499	---	---	---
Particles >6µm		361	---	---	---
Particles >14µm		10	---	---	---
ISO 4406:1999 (c)		20/16/10	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

No corrective action is recommended at this time. The 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 silt (particulates < 6 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	3	---	---	---
Copper	ppm	5	---	---	---
Lead	ppm	3	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

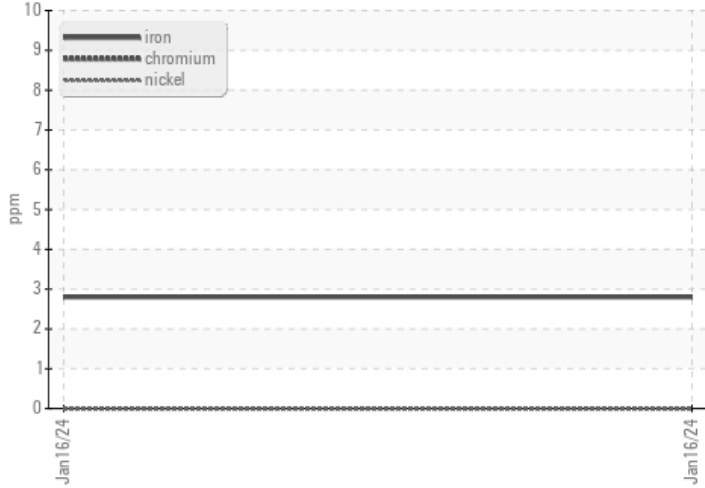
Calcium	ppm	55	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	450	---	---	---
Phosphorus	ppm	388	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: HOFPISNJ
Unique No: 10833973
Signed: Jonathan Hester
Report Date: 19 Jan 2024

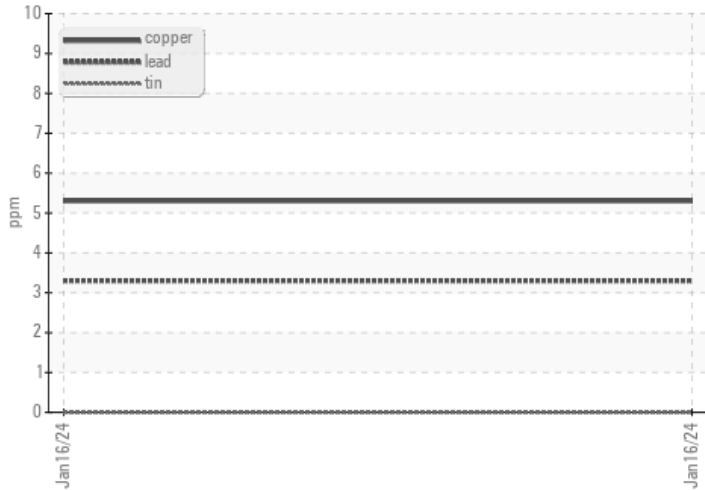


GRAPHS

Ferrous Alloys



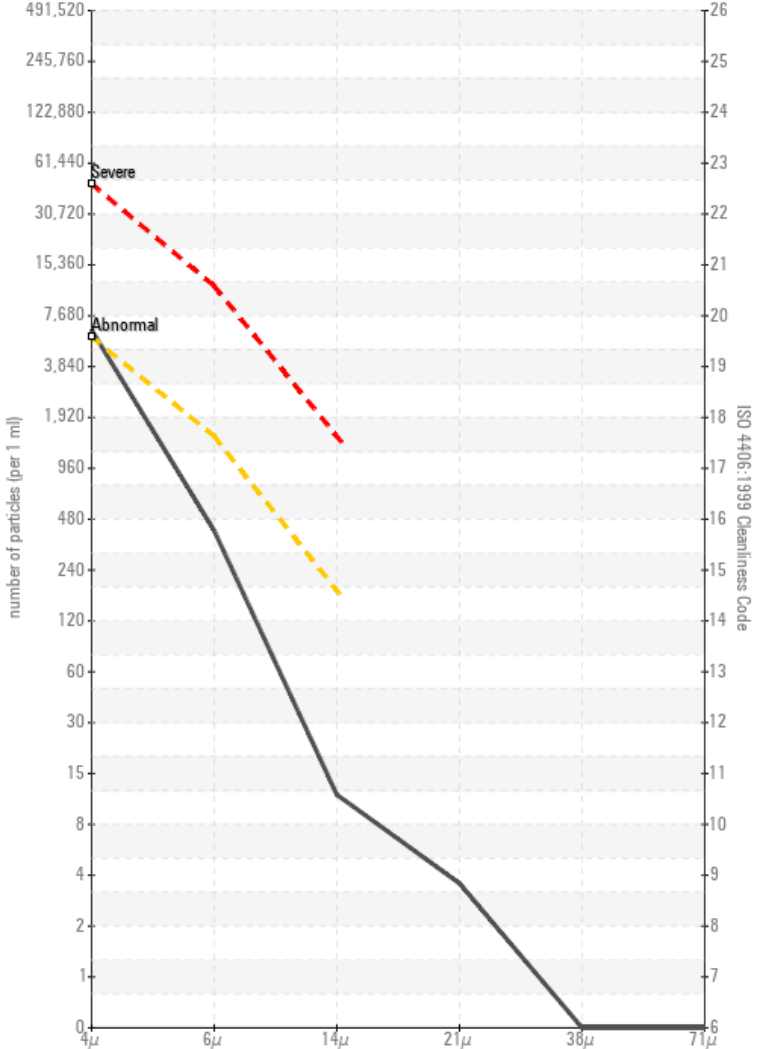
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

