



CONSTRUCTION EQUIPMENT

E15335 PONSSE A130490W - HYDRAULIC SYSTEM



Sample No: VCP405856
Oil Type: PONSSE 46W
Job No: E15335



SAMPLE INFORMATION

Sample Number	VCP405856	VCP416685	VCP389020	---
Sample Date	10 May 2024	10 May 2023	17 Feb 2023	---
Machine Hours	5953	1423	252	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	ATTENTION	NORMAL	NORMAL	---

JON LOZIER
 14 SUNNYFIELD DRIVE
 FORT KENT, ME
 US 04743
 Contact: JON LOZIER

OIL CONDITION

Visc @ 40°C	cSt	45.0	40.2	42.4	---
Acid Number (AN)	mg KOH/g	0.37	0.35	0.42	---

T: (207)436-0366
 F:

CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		7289	2172	1540	---
Particles >6µm		954	584	168	---
Particles >14µm		28	33	3	---
ISO 4406:1999 (c)		20/17/12	18/16/12	18/15/9	---
Silicon	ppm	2	2	<1	---
Sodium	ppm	<1	1	<1	---
Potassium	ppm	1	0	0	---

Diagnosis

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 light 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	3	2	<1	---
Copper	ppm	4	6	3	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	2	3	0	---
Chromium	ppm	<1	0	0	---
Molybdenum	ppm	2	<1	0	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	0	<1	0	---
Vanadium	ppm	<1	0	0	---

ADDITIVES

Calcium	ppm	72	95	44	---
Magnesium	ppm	9	10	<1	---
Zinc	ppm	509	466	431	---
Phosphorus	ppm	412	359	314	---
Barium	ppm	0	0	0	---
Boron	ppm	<1	0	0	---

Depot: JONFORME
Unique No: 11031426
Signed: Wes Davis
Report Date: 16 May 2024

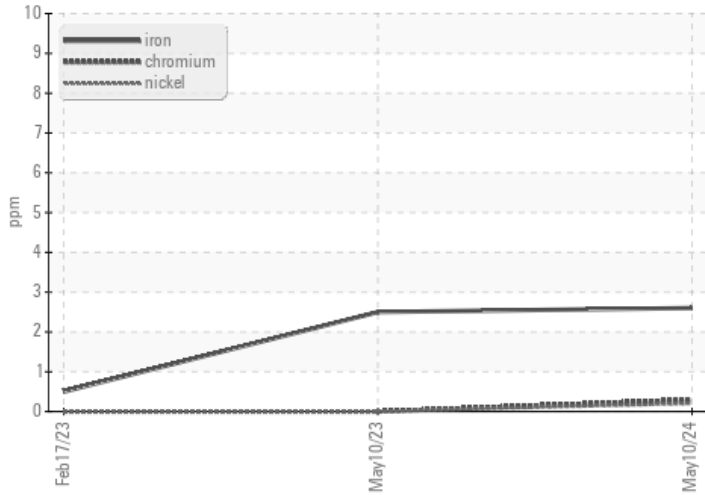


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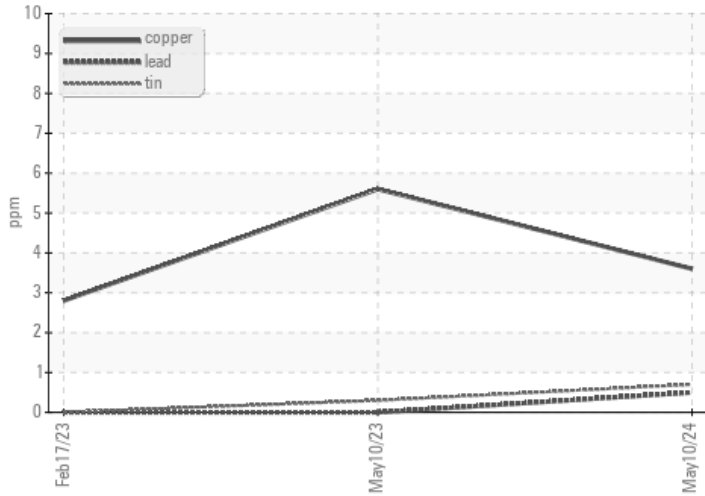


GRAPHS

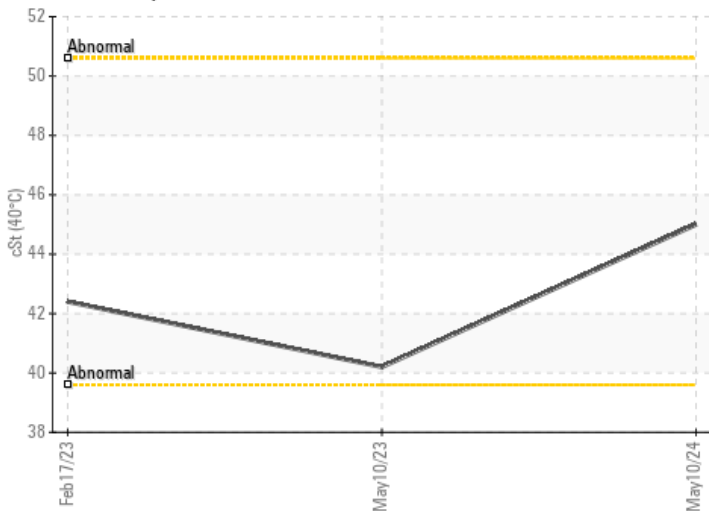
Ferrous Alloys



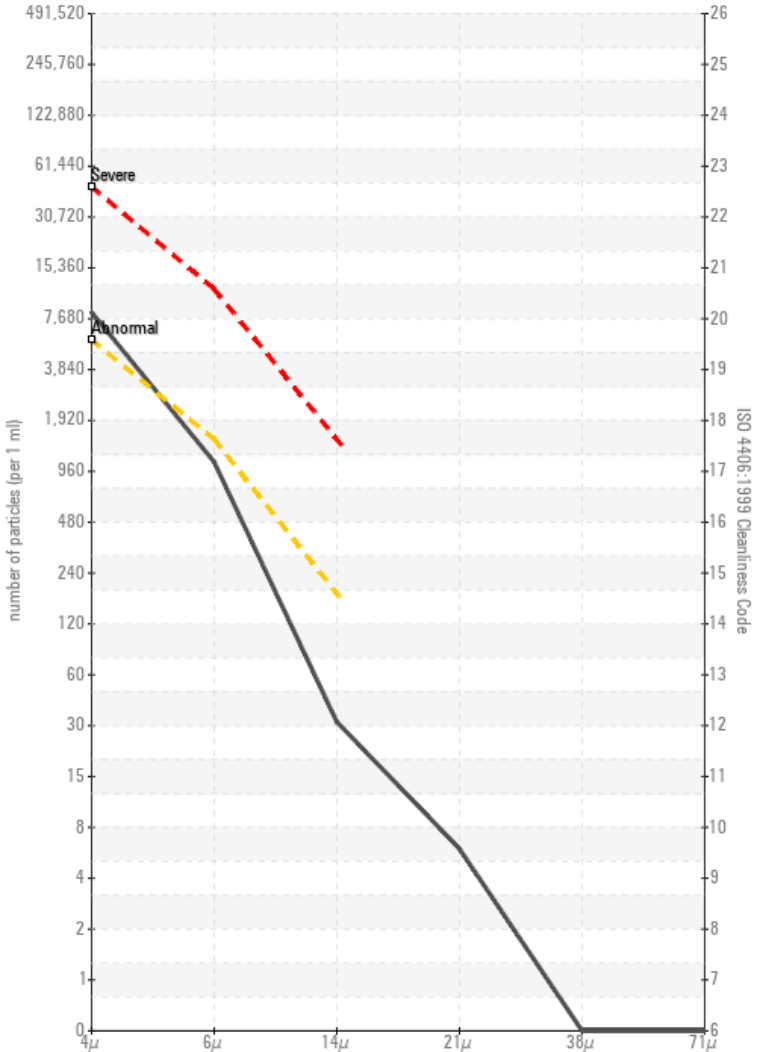
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

