CONSTRUCTION EQUIPMENT

64097 MID SOUTH PAV JOHN DEERE 330G 370743 - HYDRAULIC SYSTEM

Sample No: VCP416188
Oil Type: NOT GIVEN
Job No: 64097 MID SOUTH PAV

SAMPLE INFORMATION

Sample Number		**VCP416188**	---	---	---
Sample Date		**21 Jul 2023**	---	---	---
Machine Hours		**1952**	---	---	---
Oil Hours		**0**	---	---	---
Oil Changed		**Changed**	---	---	---
Sample Status		**ATTENTION**	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	**51.7**	---	---	---
Acid Number (AN)	mg KOH/g	**0.78**	---	---	---

CONTAMINATION

Particles >4µm		**8860**	---	---	---
Particles >6µm		**1205**	---	---	---
Particles >14µm		**36**	---	---	---
ISO 4406:1999 (c)		**20/17/12**	---	---	---
Silicon	ppm	**4**	---	---	---
Sodium	ppm	**2**	---	---	---
Potassium	ppm	**1**	---	---	---

WEAR METALS

Iron	ppm	**20**	---	---	---
Copper	ppm	**10**	---	---	---
Lead	ppm	**1**	---	---	---
Tin	ppm	**0**	---	---	---
Aluminum	ppm	**<1**	---	---	---
Chromium	ppm	**<1**	---	---	---
Molybdenum	ppm	**<1**	---	---	---
Nickel	ppm	**0**	---	---	---
Titanium	ppm	**0**	---	---	---
Silver	ppm	**0**	---	---	---
Manganese	ppm	**<1**	---	---	---
Vanadium	ppm	**<1**	---	---	---

ADDITIVES

Calcium	ppm	**207**	---	---	---
Magnesium	ppm	**<1**	---	---	---
Zinc	ppm	**771**	---	---	---
Phosphorus	ppm	**600**	---	---	---
Barium	ppm	**0**	---	---	---
Boron	ppm	**0**	---	---	---

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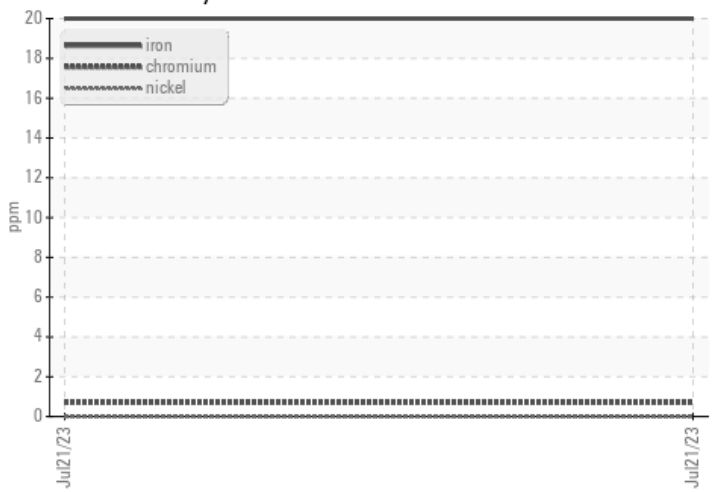
Diagnosis

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 silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

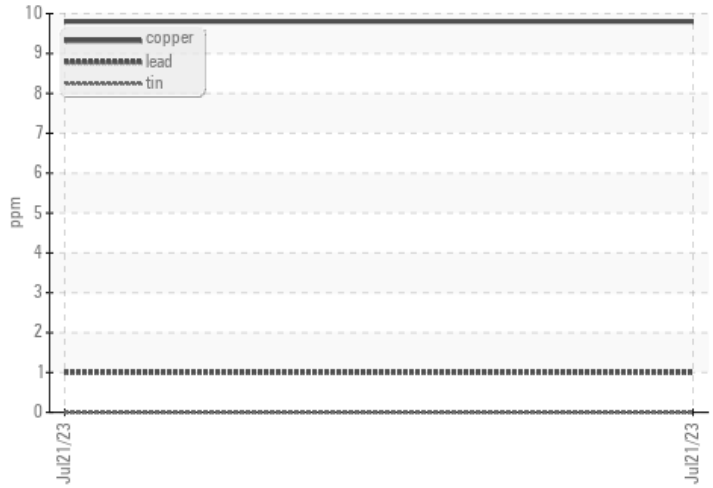
Depot: COWMAD
Unique No: 10577670
Signed: Don Baldridge
Report Date: 01 Aug 2023

GRAPHS

Ferrous Alloys

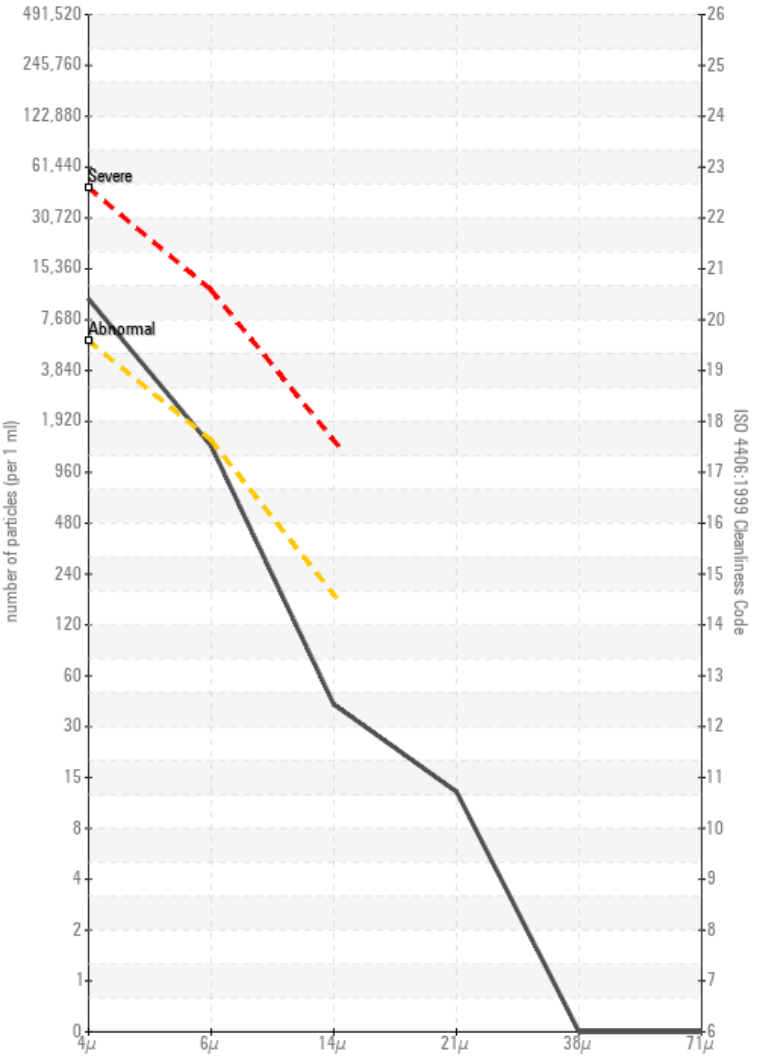


Non-ferrous Metals



Viscosity @ 40°C

Particle Count



Acid Number