CONSTRUCTION EQUIPMENT
352598 - HYDRAULIC SYSTEM

Sample No: VCP394995
Oil Type: NOT GIVEN
Job No:

GREAT WEST EQUIPMENT
1600 KOSMINA ROAD, 123 L&A CROSS RD
VERNON, BC
CA V1T 8T2
Contact: Garry Beach
gbeach@gwequipment.com
T: (250)549-4232
F: (250)549-3397

SAMPLE INFORMATION

Sample Number		**VCP394995**	---	---	---
Sample Date		**31 Aug 2023**	---	---	---
Machine Hours		**2895**	---	---	---
Oil Hours		**0**	---	---	---
Oil Changed		**N/A**	---	---	---
Sample Status		**ATTENTION**	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	**44.9**	---	---	---

CONTAMINATION

Particles >4µm		**9406**	---	---	---
Particles >6µm		**2626**	---	---	---
Particles >14µm		▲ **161**	---	---	---
ISO 4406:1999 (c)		**20/19/15**	---	---	---
Silicon	ppm	**7**	---	---	---
Sodium	ppm	**<1**	---	---	---
Potassium	ppm	**0**	---	---	---

WEAR METALS

Iron	ppm	**8**	---	---	---
Copper	ppm	**2**	---	---	---
Lead	ppm	**3**	---	---	---
Tin	ppm	**0**	---	---	---
Aluminum	ppm	**1**	---	---	---
Chromium	ppm	**<1**	---	---	---
Molybdenum	ppm	**<1**	---	---	---
Nickel	ppm	**<1**	---	---	---
Titanium	ppm	**0**	---	---	---
Silver	ppm	**0**	---	---	---
Manganese	ppm	**0**	---	---	---
Vanadium	ppm	**0**	---	---	---

ADDITIVES

Calcium	ppm	**496**	---	---	---
Magnesium	ppm	**6**	---	---	---
Zinc	ppm	**533**	---	---	---
Phosphorus	ppm	**451**	---	---	---
Barium	ppm	**0**	---	---	---
Boron	ppm	**14**	---	---	---

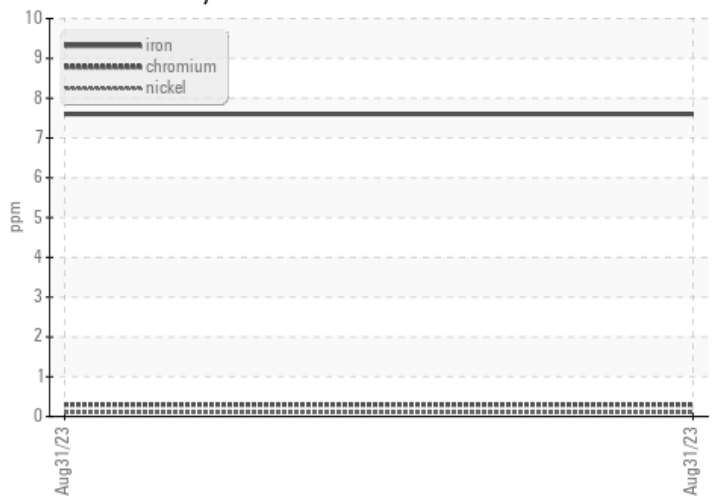
Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The condition of the oil is acceptable for the time in service.

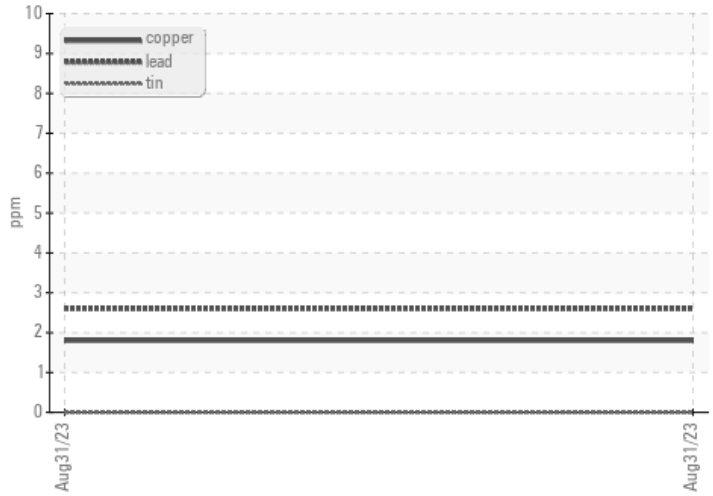
Depot: MARVER
Unique No: 5633129
Signed: Wes Davis
Report Date: 05 Sep 2023

GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

Particle Count