



CONSTRUCTION EQUIPMENT

STELLA JONES 6203 - HYDRAULIC SYSTEM



Sample No: VCP380046
Oil Type: AW HYDRAULIC OIL ISO 46
Job No:



SAMPLE INFORMATION

Sample Number	VCP380046	VCP380050	---	---
Sample Date	30 Nov 2023	30 Nov 2023	---	---
Machine Hours	12931	12931	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	---	---	---

GREAT WEST EQUIPMENT

1600 KOSMINA ROAD, 123 L&A CROSS RD
 VERNON, BC
 CA V1T 8T2
 Contact: Sarah Lawrence
 slawrence@gwequipment.com
 T: (866)627-2357
 F: (250)549-3397



OIL CONDITION

Visc @ 40°C	cSt	44.6	▲ 94.2	---	---
Visc @ 100°C	cSt	---	▲ 13.1	---	---
Viscosity Index (VI)	Scale	---	137	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 46. Please confirm.
 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 condition of the oil is acceptable for the time in service.



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		740	---	---	---
Particles >6µm		109	---	---	---
Particles >14µm		7	---	---	---
ISO 4406:1999 (c)		17/14/10	---	---	---
Silicon	ppm	3	4	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	0	<1	---	---



WEAR METALS

Iron	ppm	7	5	---	---
Copper	ppm	2	1	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	2	0	---	---
Molybdenum	ppm	0	59	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	114	1130	---	---
Magnesium	ppm	3	882	---	---
Zinc	ppm	443	1155	---	---
Phosphorus	ppm	352	977	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	1	5	---	---

Depot: MARVER
Unique No: 5695951
Signed: Wes Davis
Report Date: 14 Dec 2023

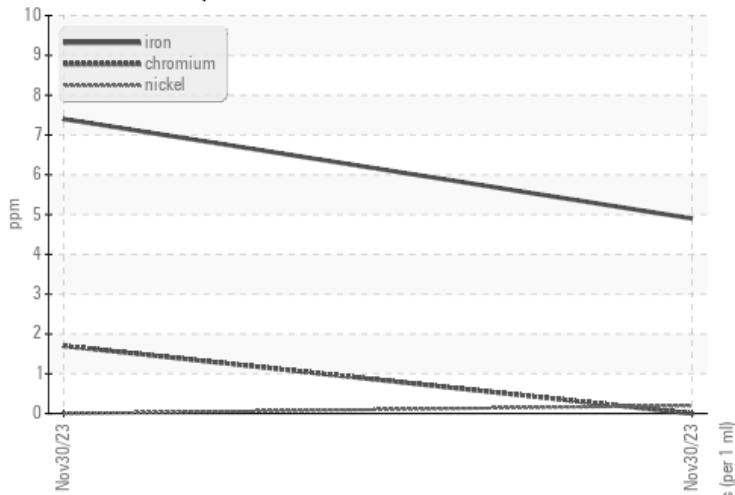


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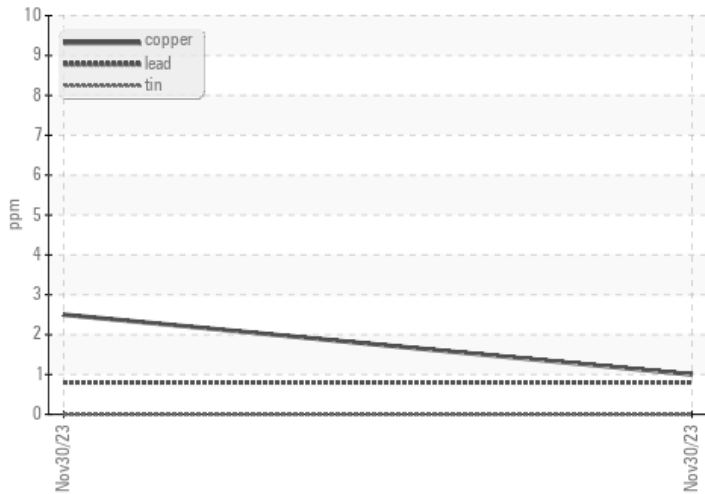


GRAPHS

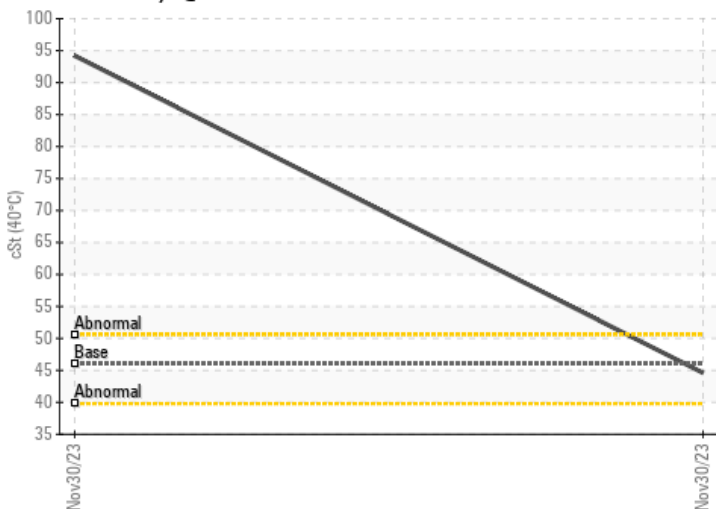
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

