



CONSTRUCTION EQUIPMENT

UTILEX CONTRACTING 315546 - HYDRAULIC SYSTEM



Sample No: VCP394793
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No:



SAMPLE INFORMATION

Sample Number	VCP394793	---	---	---
Sample Date	14 Aug 2023	---	---	---
Machine Hours	491	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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



OIL CONDITION

Visc @ 40°C	cSt	█ 44.3	---	---	---
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CONTAMINATION

Particles >4µm		█ 2326	---	---	---
Particles >6µm		█ 474	---	---	---
Particles >14µm		█ 31	---	---	---
ISO 4406:1999 (c)		18/16/12	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis
 Resample at the next service interval to monitor. 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.



WEAR METALS

Iron	ppm	█ 2	---	---	---
Copper	ppm	█ 15	---	---	---
Lead	ppm	█ 1	---	---	---
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	█ 130	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 710	---	---	---
Phosphorus	ppm	█ 579	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ <1	---	---	---

Depot: MARVER
Unique No: 5629010
Signed: Wes Davis
Report Date: 15 Aug 2023

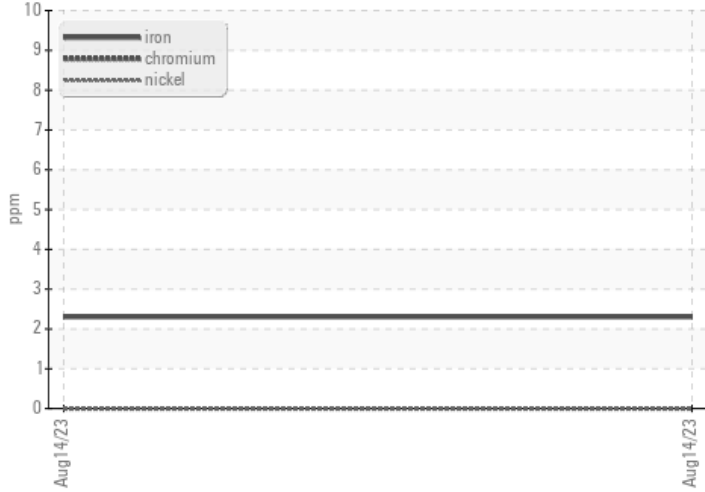


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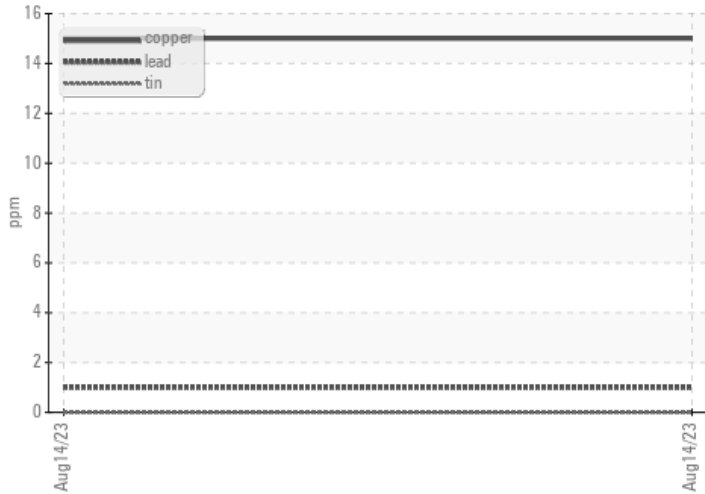


VOLVO GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

