



CONSTRUCTION EQUIPMENT

8002963 341063 - HYDRAULIC SYSTEM



Sample No: VCP248729
Oil Type: KLONDIKE AW 32
Job No: 8002963



SAMPLE INFORMATION

Sample Number	VCP248729	---	---	---
Sample Date	20 Jul 2023	---	---	---
Machine Hours	10120	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

GREAT WEST EQUIPMENT

P.O. BOX 6067, 12623 CHARLIE LAKE FRONTAGE RD
 FORT ST. JOHN, BC
 CA V1J 2B0
 Contact: Mathew Stockley
 mstockley@gwequipmnet.com
 T: (250)785-4223
 F: (250)785-4237



OIL CONDITION

Visc @ 40°C	cSt	■ 32.6	---	---	---
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CONTAMINATION

Particles >4µm		7013	---	---	---
Particles >6µm		■ 514	---	---	---
Particles >14µm		■ 13	---	---	---
ISO 4406:1999 (c)		20/16/11	---	---	---
Silicon	ppm	■ 8	---	---	---
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	■ 7	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	46	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	421	---	---	---
Phosphorus	ppm	366	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Depot: VOLVO5076
Unique No: 5618031
Signed: Kevin Marson
Report Date: 31 Jul 2023



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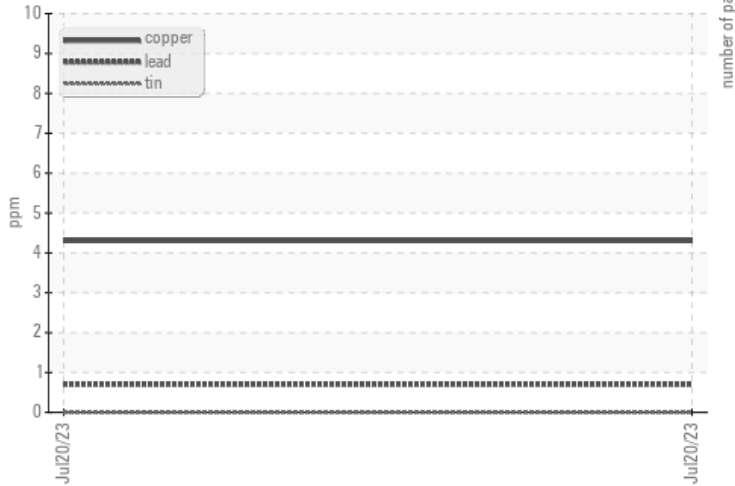


VOLVO GRAPHS

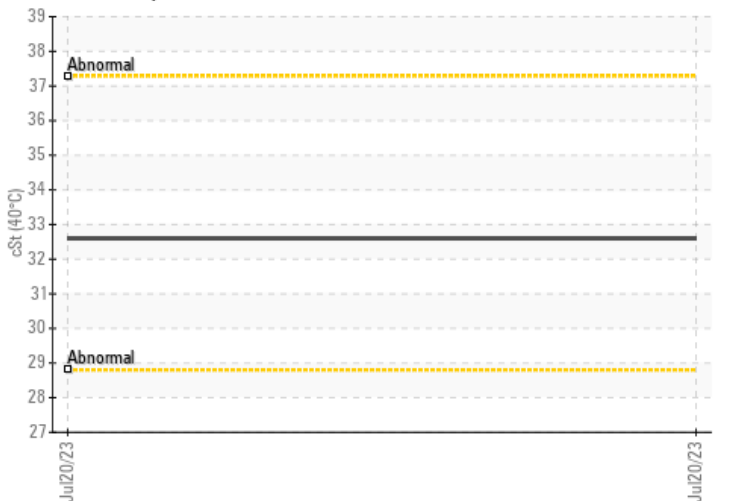
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

