# **CONSTRUCTION EQUIPMENT** 8002963 341063 - Hydraulic System



 Sample No:
 VCP248729

 Oil Type:
 KLONDIKE AW 32

 Job No:
 8002963

VOLVO

## SAMPLE INFORMATION

Sample Number		VCP248729	 	
Sample Date		20 Jul 2023	 	
Machine Hours		10120	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDI	TION		 	
Visc @ 40°C	cSt	32.6	 	
CONTAMI	NATION			
Particles >4µm		7013	 	
Particles >6µm		514	 	
Particles >14µm		13	 	
ISO 4406:1999 (c)		20/16/11	 	
		20/10/11		
Silicon	ppm		 	
Silicon Sodium	ppm ppm		 	



#### **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

### 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.

VOLVO				
WEAR I	METALS			
Iron	ppm	7	 	
Copper	ppm	<b>4</b>	 	
Lead	ppm	■ <1	 	
Tin	ppm	0	 	
Aluminum	ppm	3	 	
Chromium	ppm	■<1	 	
Molybdenum	ppm	<1	 	
Nickel	ppm	<b>■</b> <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

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

 Depot:
 VOLVO5076

 Unique No:
 5618031

 Signed:
 Kevin Marson

 Report Date:
 31 Jul 2023

# **CONSTRUCTION EQUIPMENT**



🥖 GRAPHS

VOLVO

#### Ferrous Alloys Particle Count 10 <del>-</del> 491,520 -26 iron 9 chromium 245,760 -25 •• nickel 8 122,880 -24 61,440 -23 6 mda 5 30,720 -22 15,360 -21 2 7,680 20 3,840 -19 ..... Ω 1,920 -18 🛛 nber of particles (per 1 ml) Jul20/23 4406:1999 Cleanlines: 960-17 Non-ferrous Metals 16 480 10 15 copper 240 q 🛤 lead -14 6 tin 120 8 -13 60 6 30 -12 mdo 5 15 -11 3 10 8 ema 9 2 8 Ω Jul20/23 Jul20/23 0<sub>4</sub>+ 4µ 21µ 14µ 38µ Viscosity @ 40°C 39 38 Abnormal 37 36 35 (j) 34 (2000) 33 रते इतु 32 31 30 29 Abnormal 28 27 Jul20/23 Jul20/23