## CONSTRUCTION EQUIPMENT R24070 KENVIL CRANE GROVE 5250 5250-9532 - HYDRAULICS

Sample No:VCP436552Oil Type:AW HYDRAULIC OID24070 K5NN/L CD

VOLVO

Job No:

### AW HYDRAULIC OIL ISO 32 R24070 KENVIL CRANE

VOLVO						
	NFORMATION					
Sample Number		VCP436552				
Sample Date		09 Jan 2024				
Machine Hours		2844				
Oil Hours		2844				
Oil Changed		N/A				
Sample Status		NORMAL				
	IIUN					
Visc @ 40°C	cSt	30.6				
Acid Number (AN)	mg KOH/g	0.45				
VOLVO						

CONTAM	INATION			
Water	%	NEG	 	
Particles >4µm		<b>701</b>	 	
Particles >6µm		<b>171</b>	 	
Particles >14µm		20	 	
ISO 4406:1999 (c)		17/15/11	 	
Silicon	ppm	<b></b> <1	 	
Sodium	ppm	0	 	
Potassium	ppm	<b></b> <1	 	

🎾 WEAR METAL!

IVED				
ppm	<b>1</b>			
ppm	2			
ppm	0			
ppm	0			
ppm	<b>1</b>			
ppm	<b>□</b> <1			
ppm	0			
	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ppm       1         ppm       2         ppm       0         ppm       1         ppm       <1	ppm     1        ppm     2        ppm     0        ppm     1        ppm     <1	ppm     1         ppm     2         ppm     0         ppm     0         ppm     1         ppm     <1

VOLVO

ADDITIVES						
Calcium	ppm	52				
Magnesium	ppm	0				
Zinc	ppm	481				
Phosphorus	ppm	399				
Barium	ppm	0				
Boron	ppm	0				



#### HOFFMAN EQUIPMENT INC

300 S RANDOLPHVILLE RD PISCATAWAY, NJ US 08854 Contact: IOANA BODOCHI ioana.bodochi@hoffmanequip.com T: F: (732)968-8371

### 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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

 Depot:
 HOFPISNJ

 Unique No:
 10833974

 Signed:
 Wes Davis

 Report Date:
 18 Jan 2024

# **CONSTRUCTION EQUIPMENT**



-26

-25

24

-23

-22

-21

20

-19

-18 🛛

17

16

15

14

-13

12

11

10

8

4406:1999 Cleanlines:

GRAPHS

VOLVO

#### Ferrous Alloys Particle Count 491,520 10 T iron 9 chromium 245,760 nickel 8 122,880 61,440 ß mdo E, 30,720 15,360 2 7,680 bnorma 3,840 ..... ...... 0. 1,920 Jan9/24 Jan9/24 nber of particles (per 1 ml) 960 Non-ferrous Metals 480 10 copper 240 q Iead tin 120 8 60 ß 30 mdo Ę 15 3 8 2 4 2 0 Jan9/24 Jan9/24 0, 21µ 14µ 38µ Viscosity @ 40°C Acid Number 39 1.00 T Abnormal 38 Abnormal 0.90 37 0.80 36 (B/HO) BW) 0.60 35 (j) 34 0+) 33 un 0.50 Jagung 0.40 1 75 32 Ba Acid 1 31 30 Abnorma 0.20 29 Abnormal 0.10 28 27 0.00-Jan 9/24 -Jan 9/24 Jan 9/24

Report Id: HOFPISNJ [WUSCAR] 06062592 (Generated: 01/19/2024 10:30:33) Rev: 1

Contact/Location: IOANA BODOCHI - HOFPISNJ

Jan 9/24